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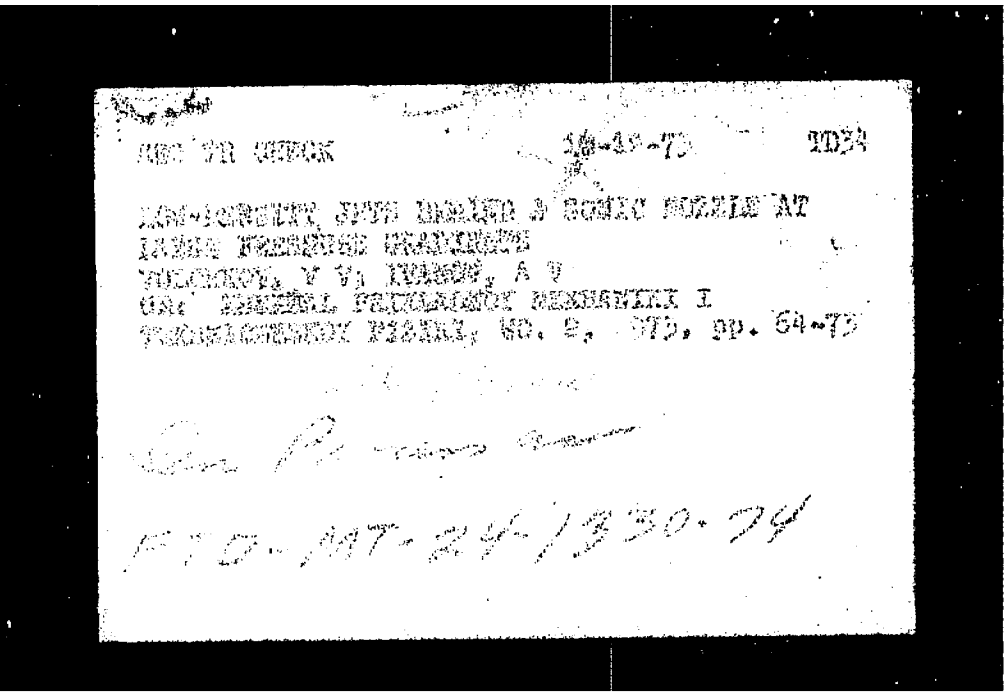

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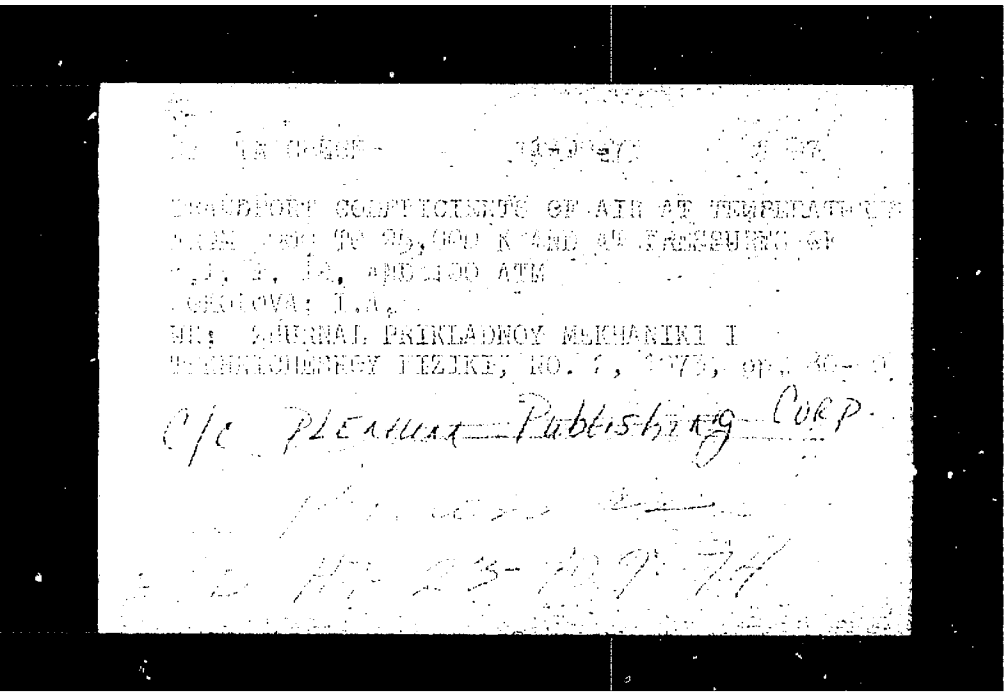

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C/c Plenum Publishing Corp.

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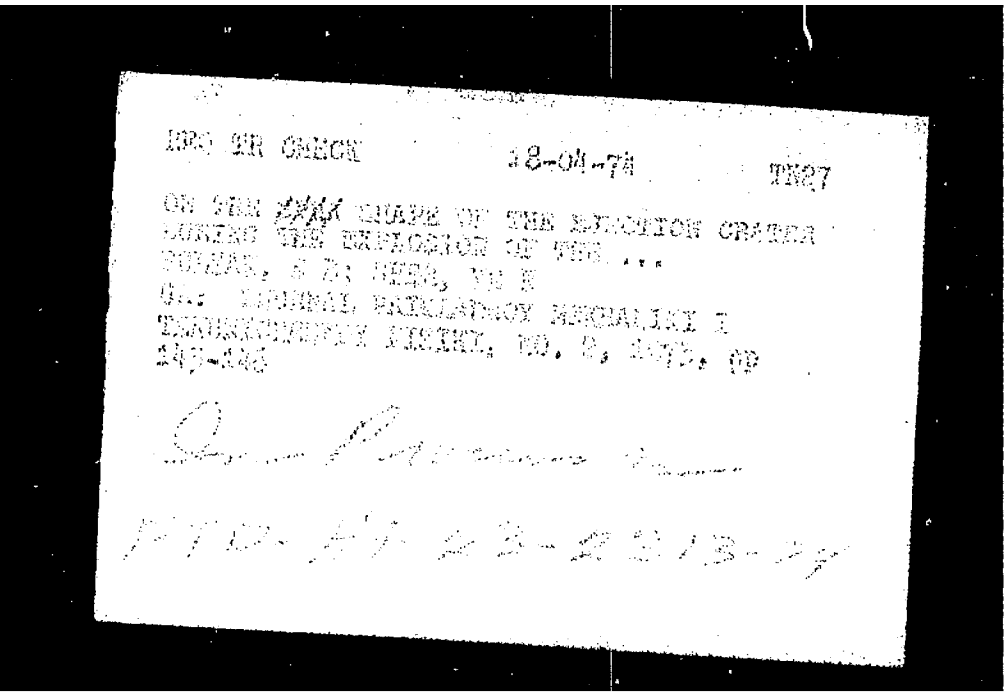

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TRANSACTIONS LIGHT, NO. 2, 1973, PP
243-245

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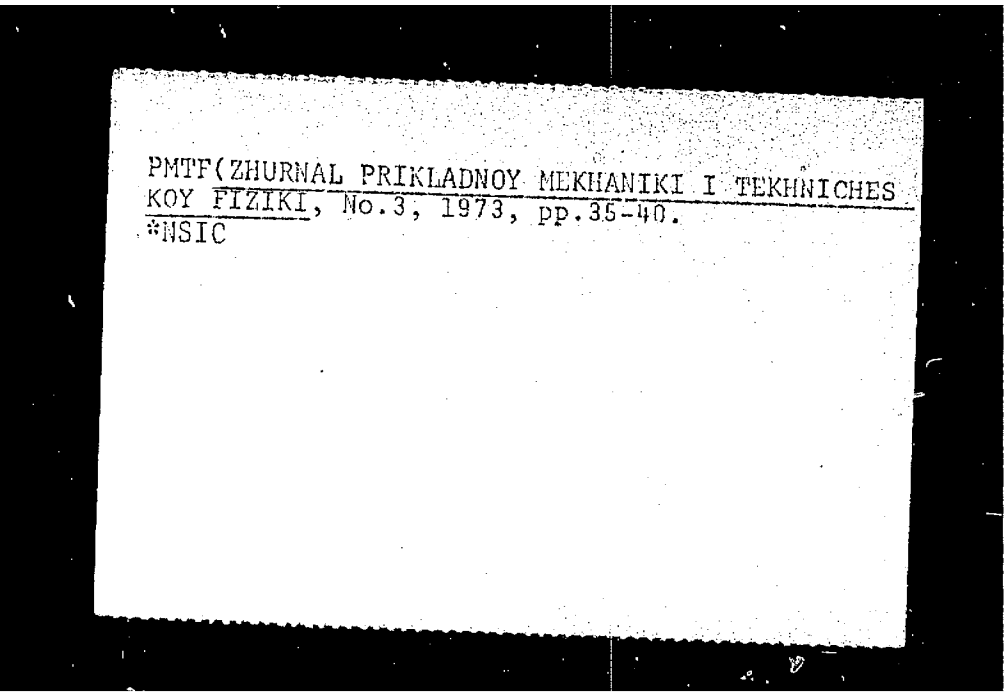

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KOY FIZIKI, No.3, 1973, pp.35-40.
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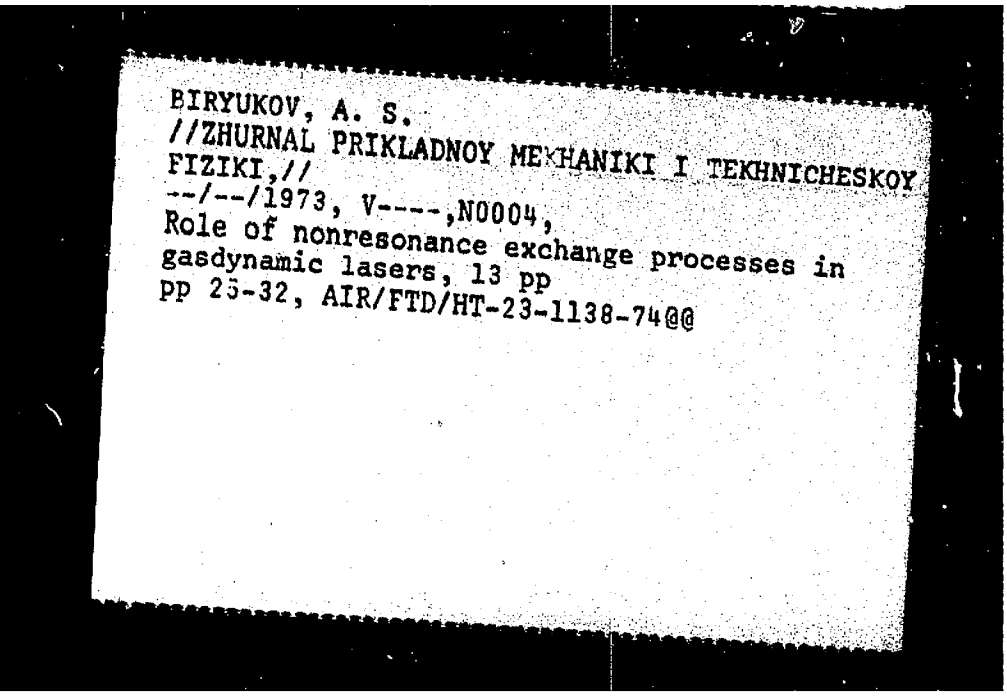

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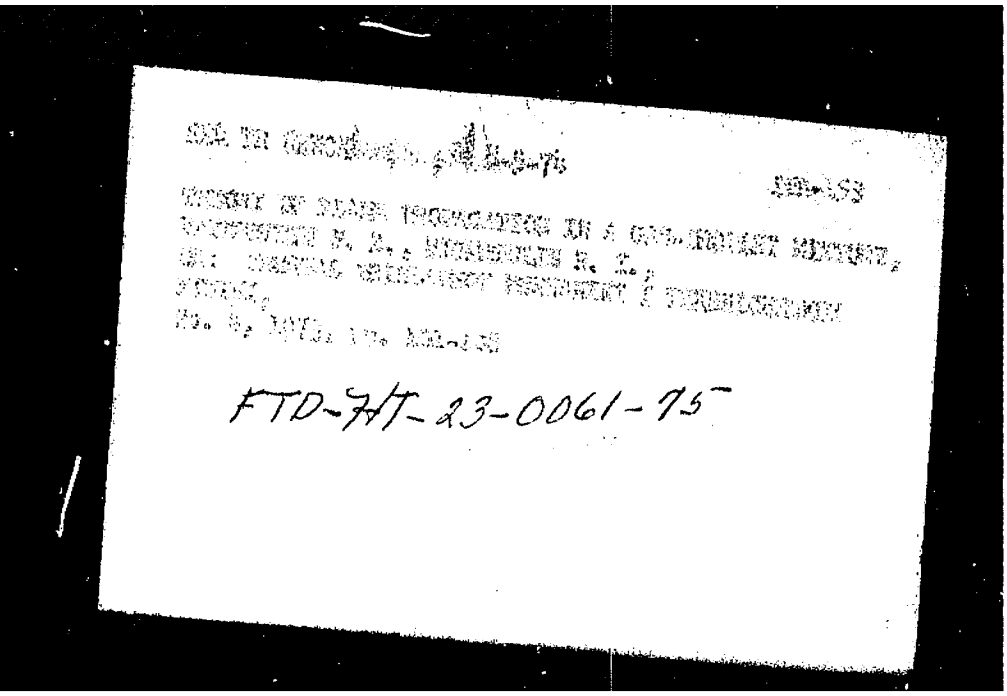

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VAYNSHTEYN, P., LANGUAGE-RU COUNTRY-UR

ZHUR. PRIKLAD. MEKHANIKI I TEKHNICHESKOY FIZI KI, 4/1973, 101-108

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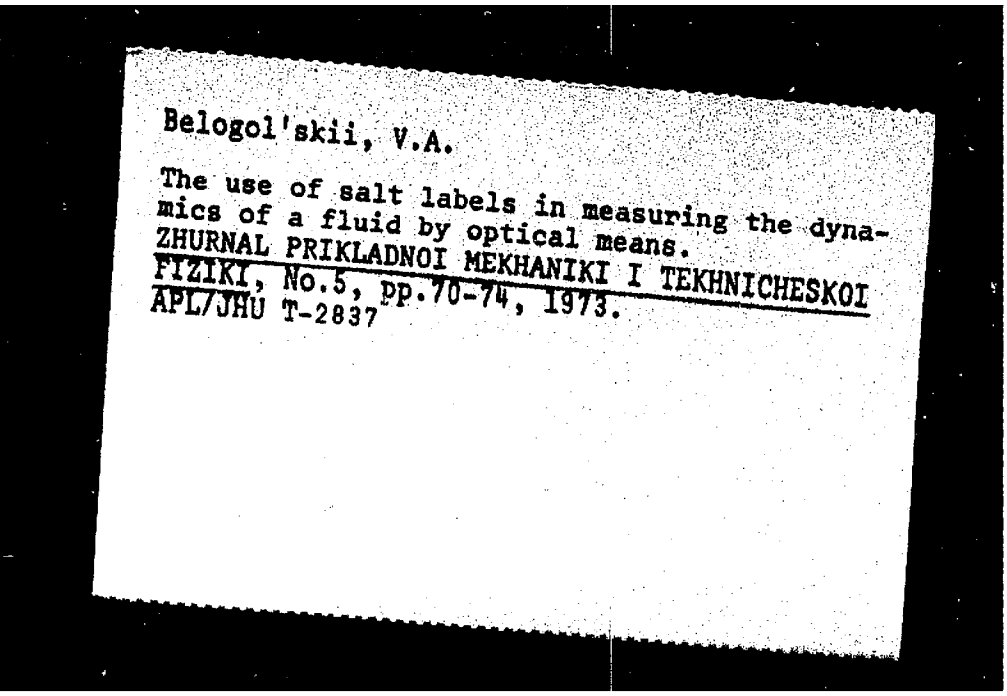

Belogol'skii, V.A.

The use of salt labels in measuring the dynamics of a fluid by optical means.
ZHURNAL PRIKLADNOI MEKHANIKI I TEKHNICHESKOI FIZIKI, No.5, pp.70-74, 1973.
APL/JHU T-2837

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APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

SPECIAL FEATURES OF THE PROPAGATION OF SPHERI
CAL SHOCK WAVES IN A TWO-PHASE COM

GEL'FAND, B., G LANGUAGE-RU COUNTRY-UR

ZHUR. PRIKLAD. MEKHANIKI I TEKHNICHESKOY FIZI
KI, 5/1973, 112-117.

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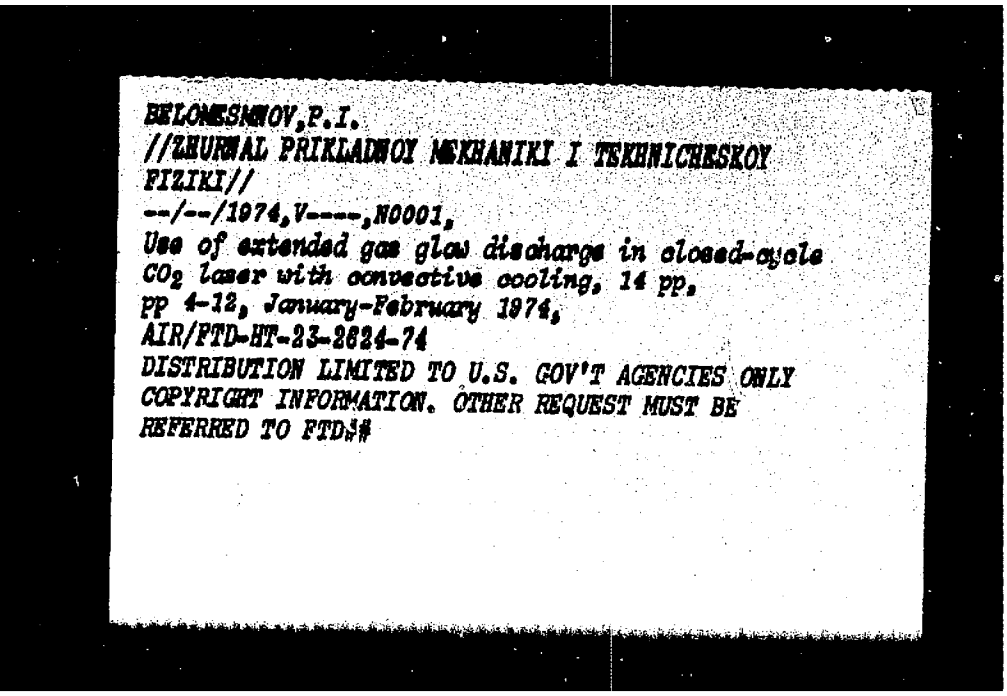

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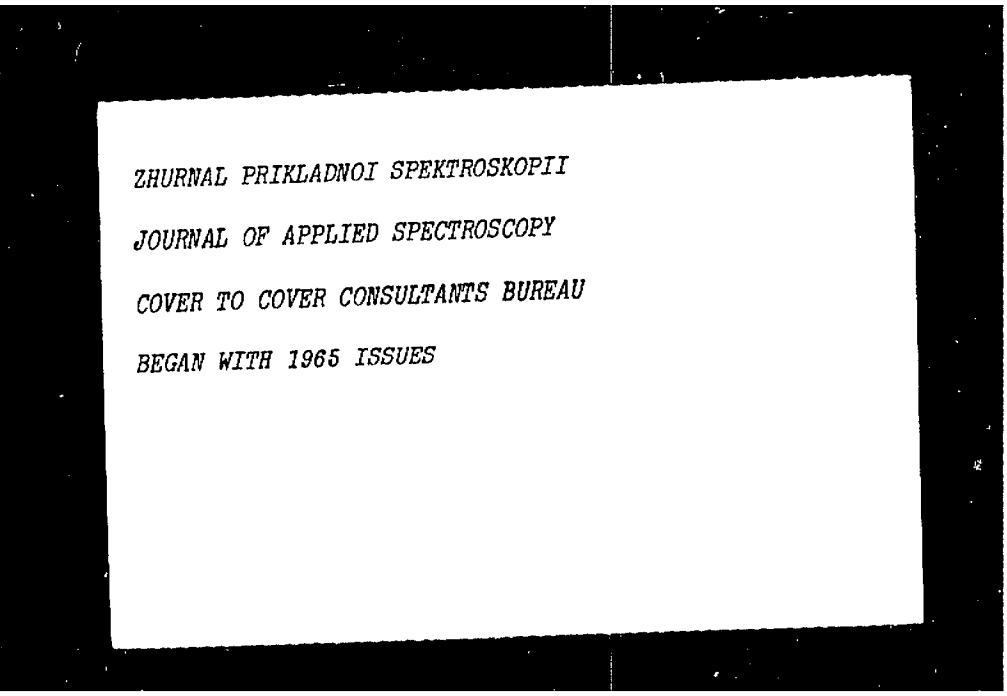

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RUSSIAN complete Special 3 pp

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Solid-state lasers, (book review by A. M. Samson).

Minsk, Zhurnal prikladnoy spektroskopii, Vol 9, No 4, 1968, pp 727-728.

Spec type B
Do not publish
Single spaced draft plus one copy.
T. D.: 18 March 1974.

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

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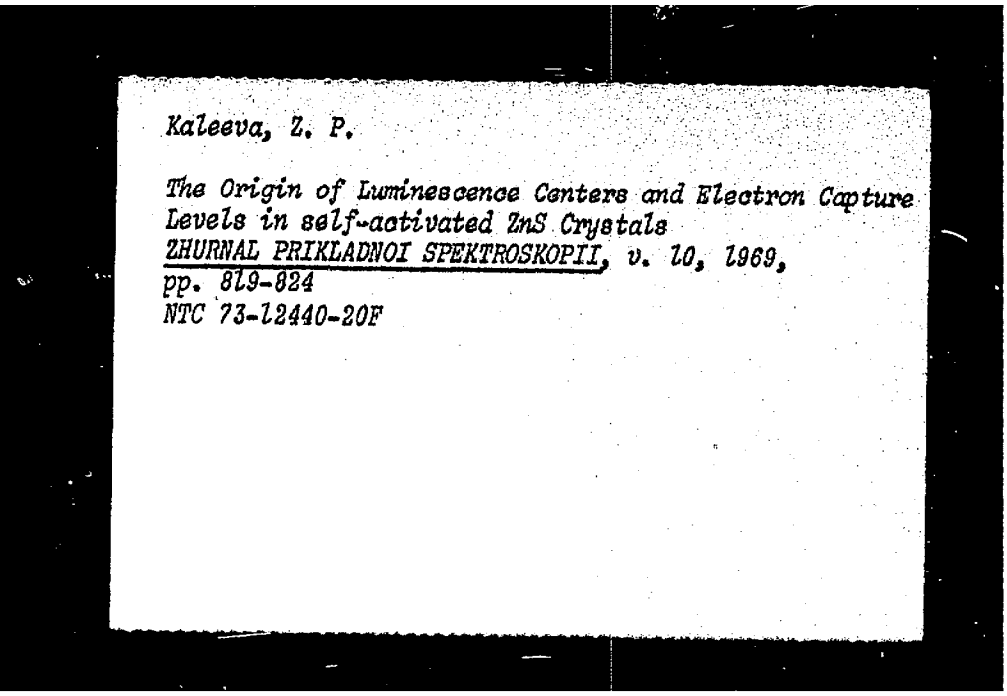

Kaleeva, Z. P.

The Origin of Luminescence Centers and Electron Capture Levels in self-activated ZnS Crystals
ZHURNAL PRIKLADNOI SPEKTROSKOPII, v. 10, 1969,
pp. 819-824
NTC 73-12440-20F

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

Certain Features of the Erosion of Materials Exposed to Laser Radiation, by O. I. Putrenko.
ZH PRIK SPEK, Vol 11, 1969, pp 617-622.
NAVY/APL/JHU-T-2705

May 73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

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BORISEVICH, N. LANGUAGE-RU COUNTRY-UR

ZHUR. PRIKLADNOY SPEKTROSKOPII, V. 12, ISSUE
1, 1970, PP 168-172

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APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

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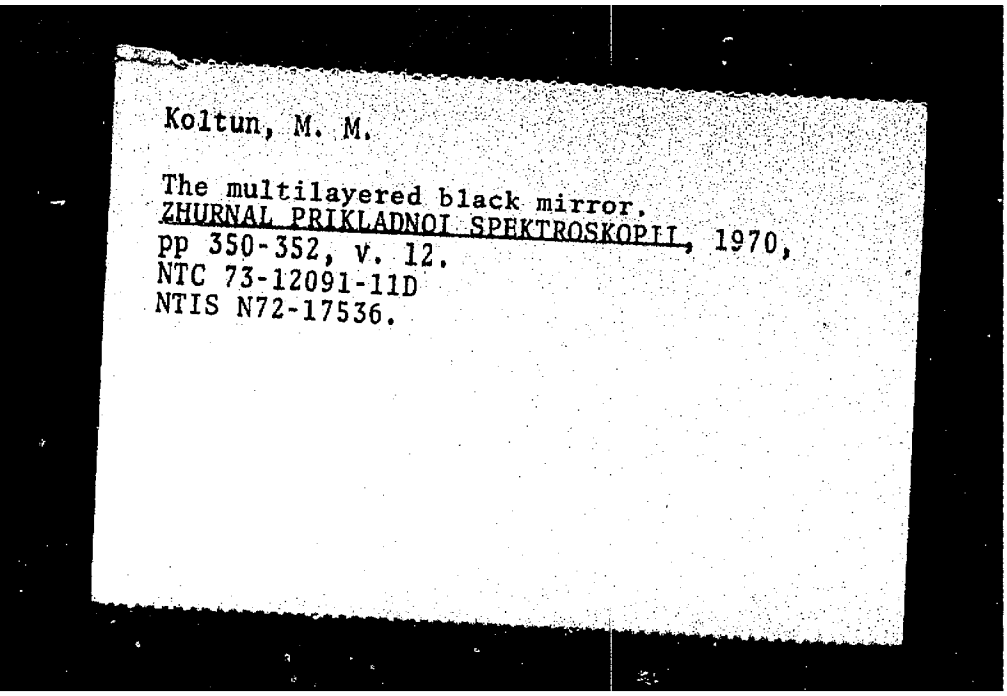

Koltun, M. M.

The multilayered black mirror.
ZHURNAL PRIKLADNOI SPEKTROSKOPII, 1970,
pp 350-352, v. 12.
NTC 73-12091-11D
NTIS N72-17536.

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

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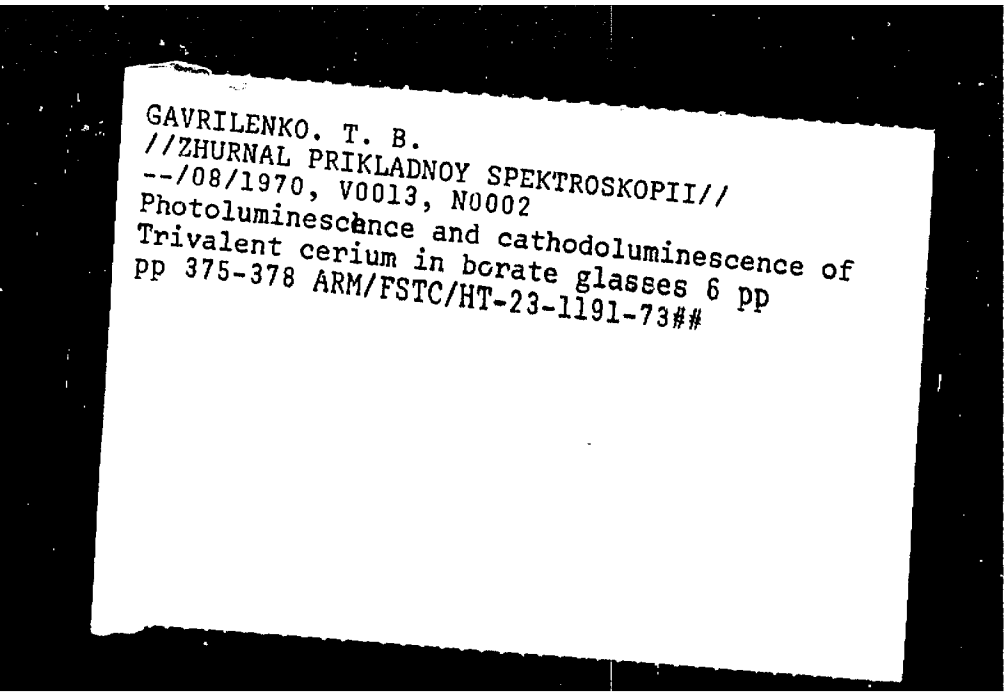

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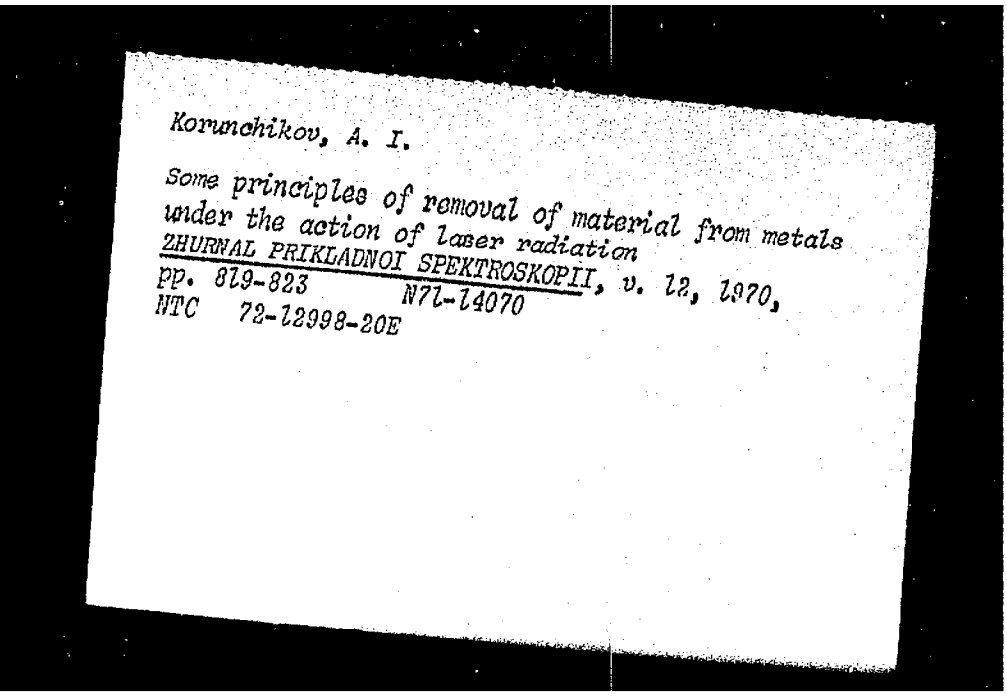
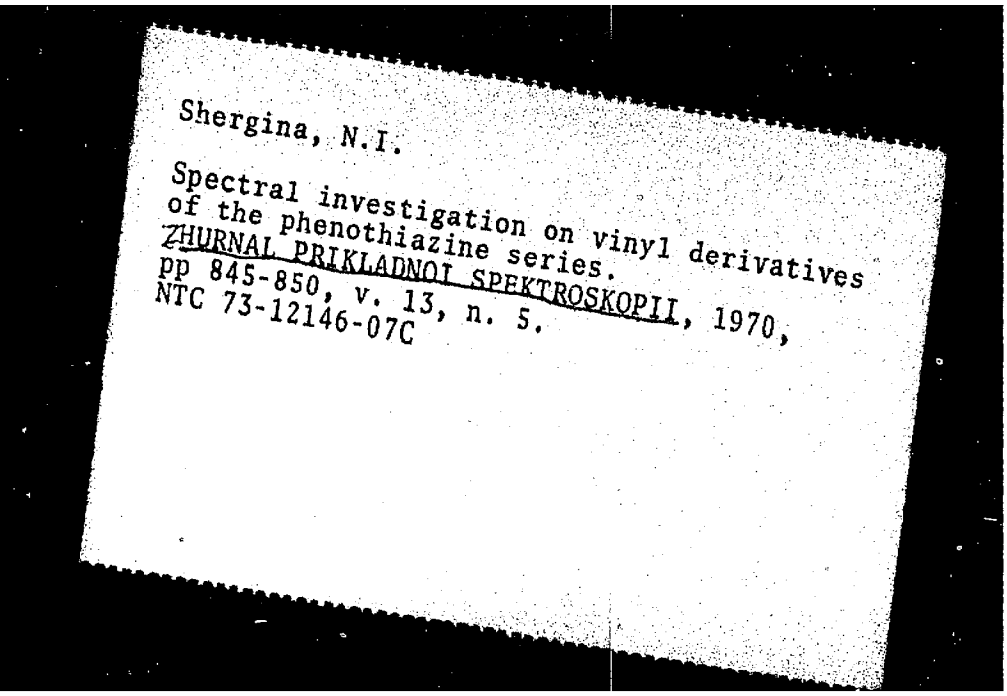


Korunchikov, A. I.

Some principles of removal of material from metals under the action of laser radiation
ZHURNAL PRIKLADNOI SPEKTROSKOPII, v. 12, 1970, pp. 819-823 N71-14070
NTC 72-12998-20E

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

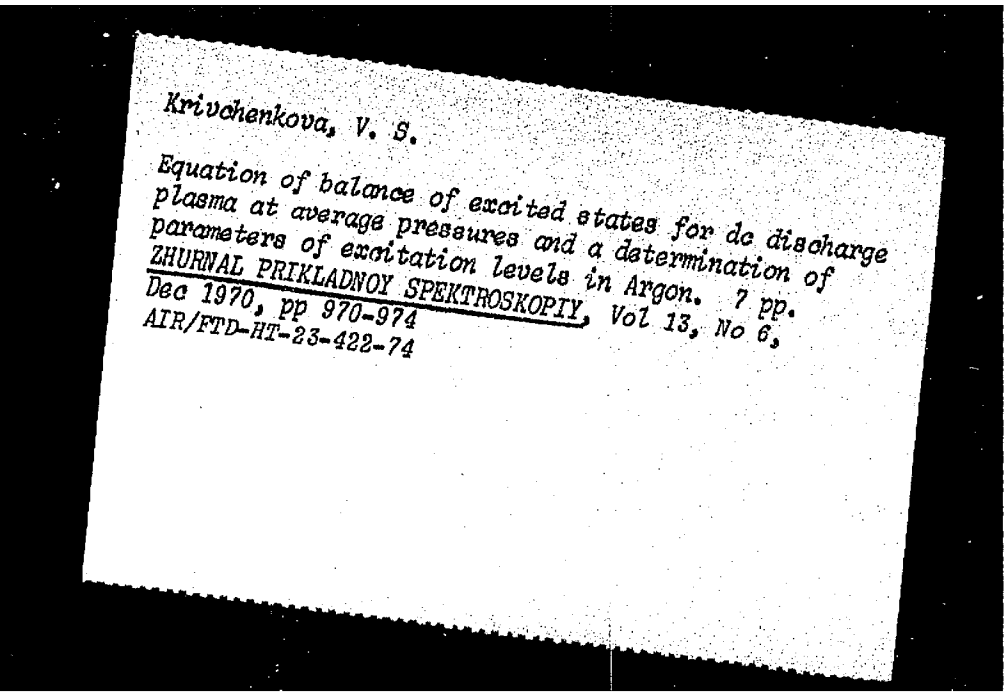


Shergina, N.I.

Spectral investigation on vinyl derivatives of the phenothiazine series.
ZHURNAL PRIKLADNOI SPEKTROSKOPII, 1970, pp 845-850, v. 13, n. 5.
NTC 73-12146-07C

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3



Krivchenkova, V. S.

Equation of balance of excited states for dc discharge plasma at average pressures and a determination of parameters of excitation levels in Argon. 7 pp. ZHURNAL PRIKLADNOY SPEKTROSKOPIY, Vol 13, No 6, Dec 1970, pp 970-974
AIR/FTD-HT-23-422-74

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

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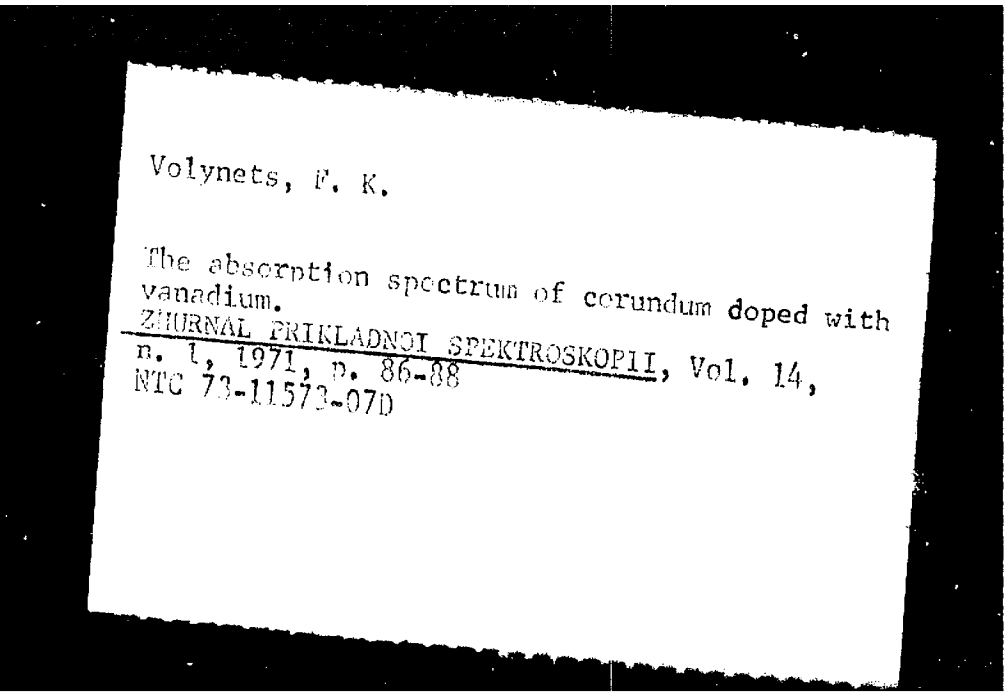

Volynets, F. K.

The absorption spectrum of corundum doped with vanadium.
ZHURNAL PRIKLADNOI SPEKTROSKOPII, Vol. 14, n. 1, 1971, p. 86-88
NTC 73-11573-07D

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

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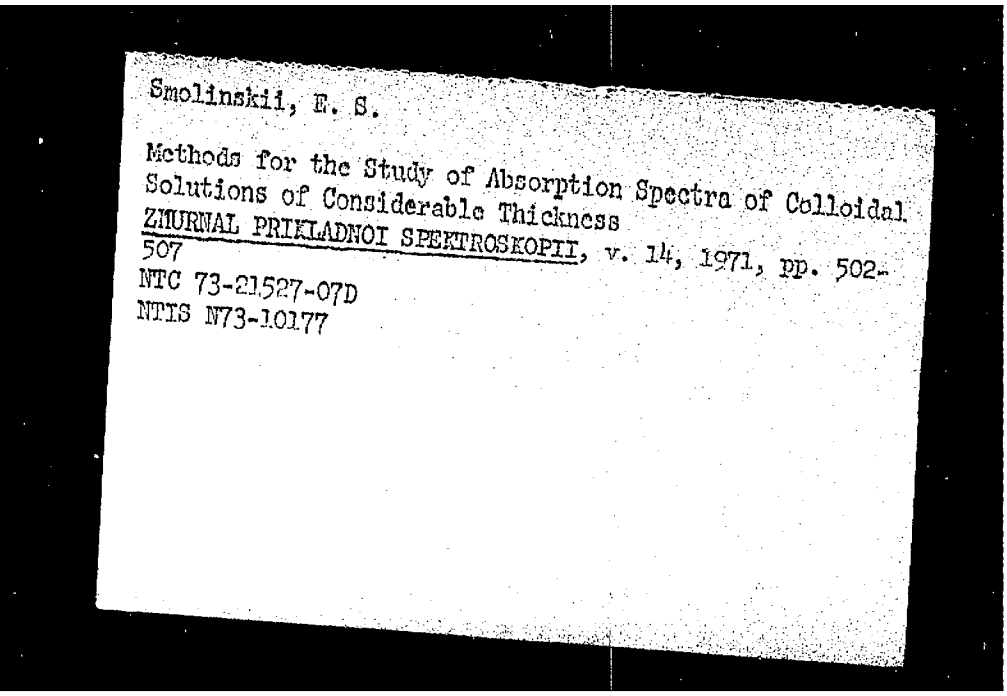

Smolinskii, E. S.

Methods for the Study of Absorption Spectra of Colloidal Solutions of Considerable Thickness

ZHURNAL PRIKLADNOI SPEKTROSKOPII, v. 14, 1971, pp. 502-507

NTC 73-21527-07D

NTIS N73-10177

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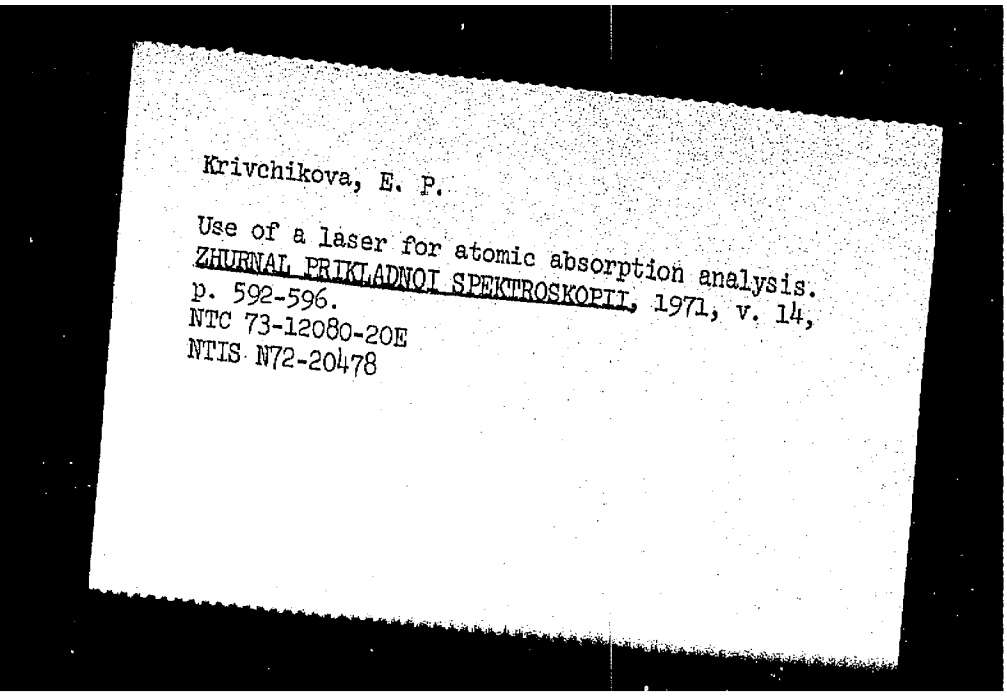
APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3



Krivchikova, E. P.

Use of a laser for atomic absorption analysis.
ZHURNAL PRIKLADNOI SPEKTROSKOPII, 1971, v. 14,
p. 592-596.
NTC 73-12080-20E
NTIS N72-20478

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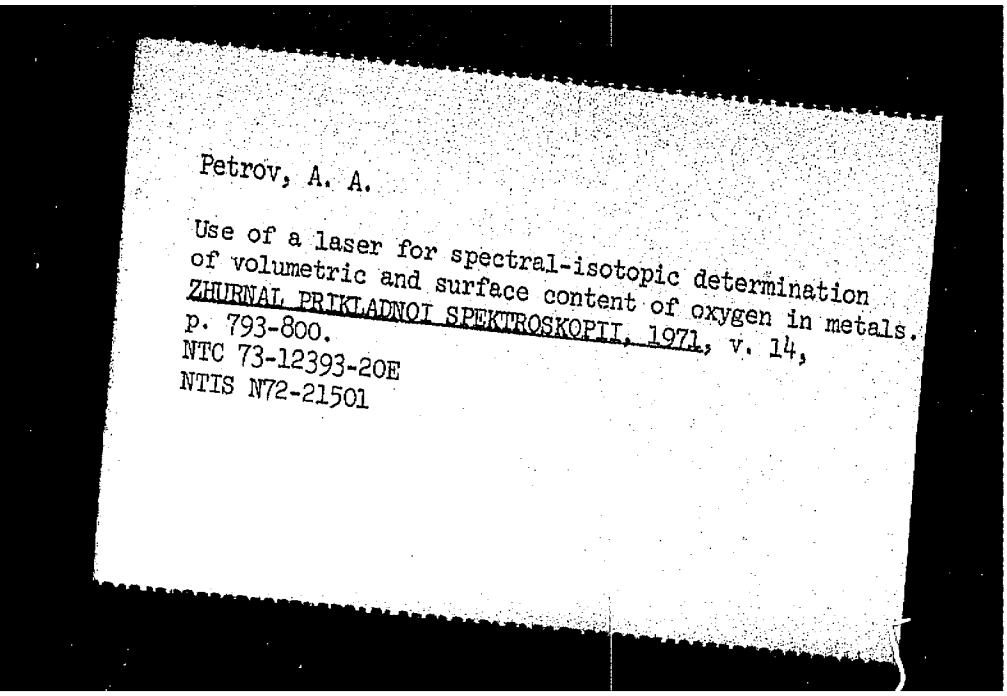

Petrov, A. A.

Use of a laser for spectral-isotopic determination of volumetric and surface content of oxygen in metals.
ZHURNAL PRIKLADNOI SPEKTROSKOPII, 1971, v. 14, p. 793-800.
NTC 73-12393-20E
NTIS N72-21501

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APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

Elyashevich, M. A.

Study of the Physical State of breakdown Products by Laser Action on condensed Media
ZHURNAL PRIKLADNOI SPEKTROSKOPII, v. 15, n. 2, 1971, pp. 200-204
NTC 73-21565-20E
NTIS N72-32520

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

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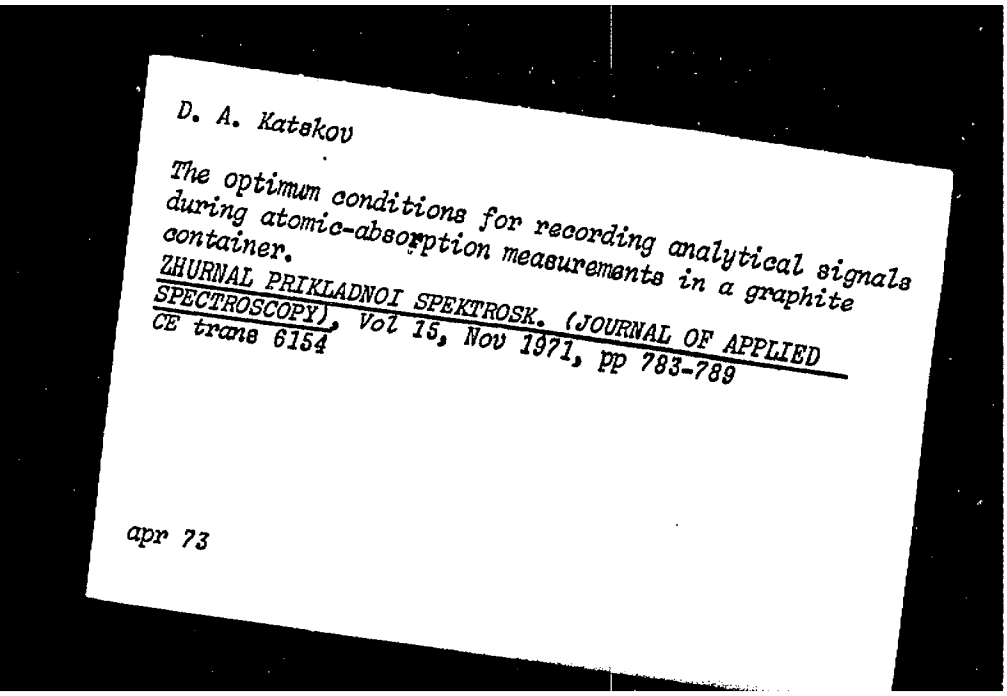

D. A. Katskov

The optimum conditions for recording analytical signals during atomic-absorption measurements in a graphite container.

ZHURNAL PRIKLADNOI SPEKTROSK. (JOURNAL OF APPLIED SPECTROSCOPY), Vol 15, Nov 1971, pp 783-789

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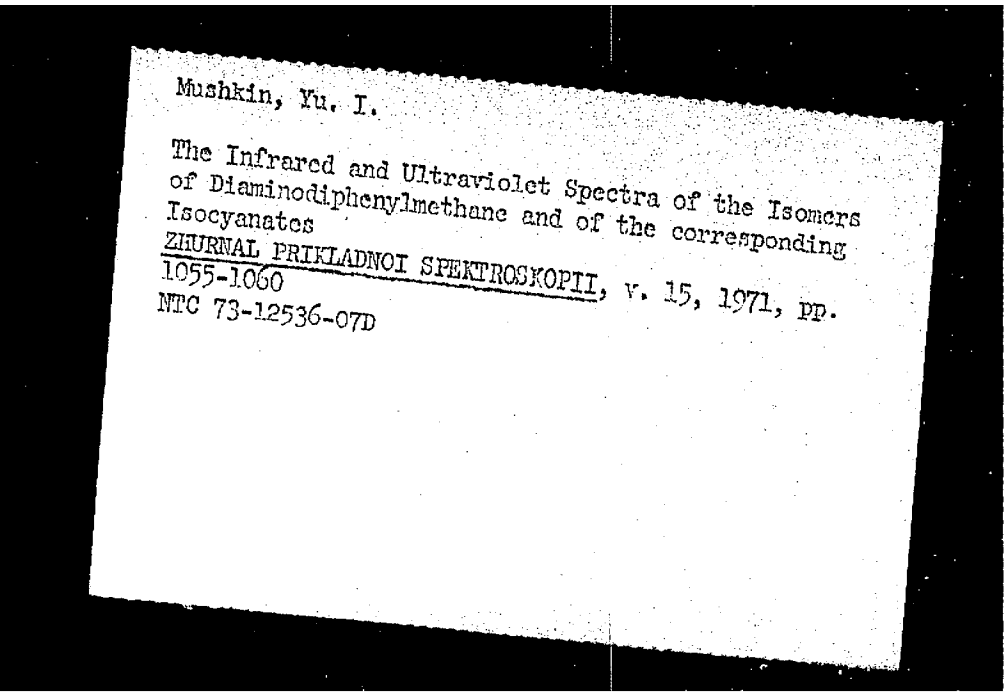

Mushkin, Yu. I.

The Infrared and Ultraviolet Spectra of the Isomers of Diaminodiphenylmethane and of the corresponding Isocyanates

ZHURNAL PRIKLADNOI SPEKTROSKOPII, v. 15, 1971, pp. 1055-1060

NTC 73-12536-07D

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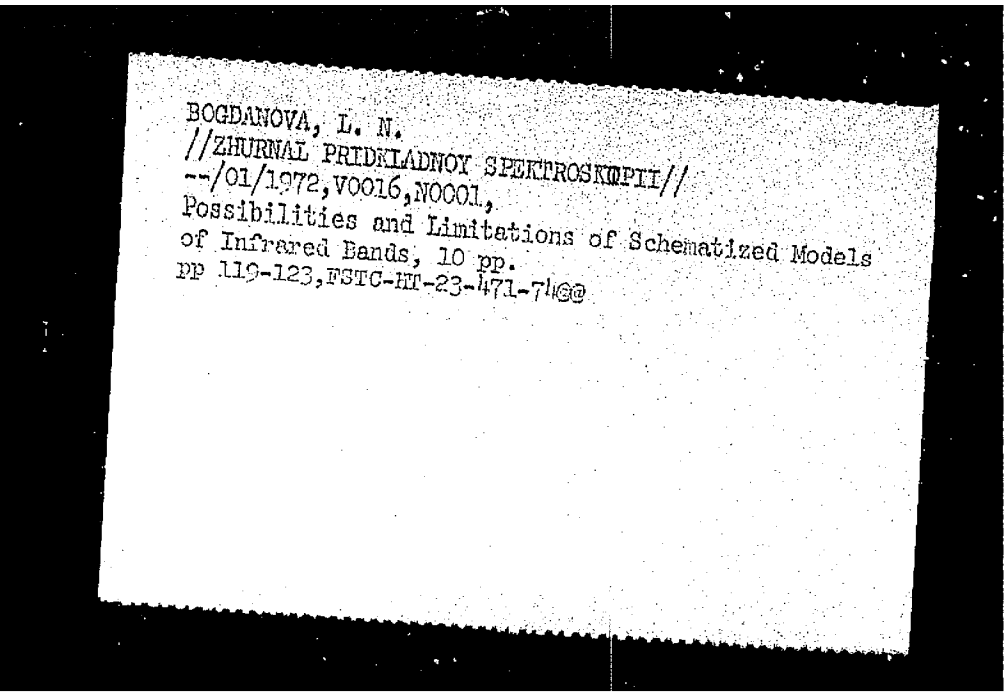

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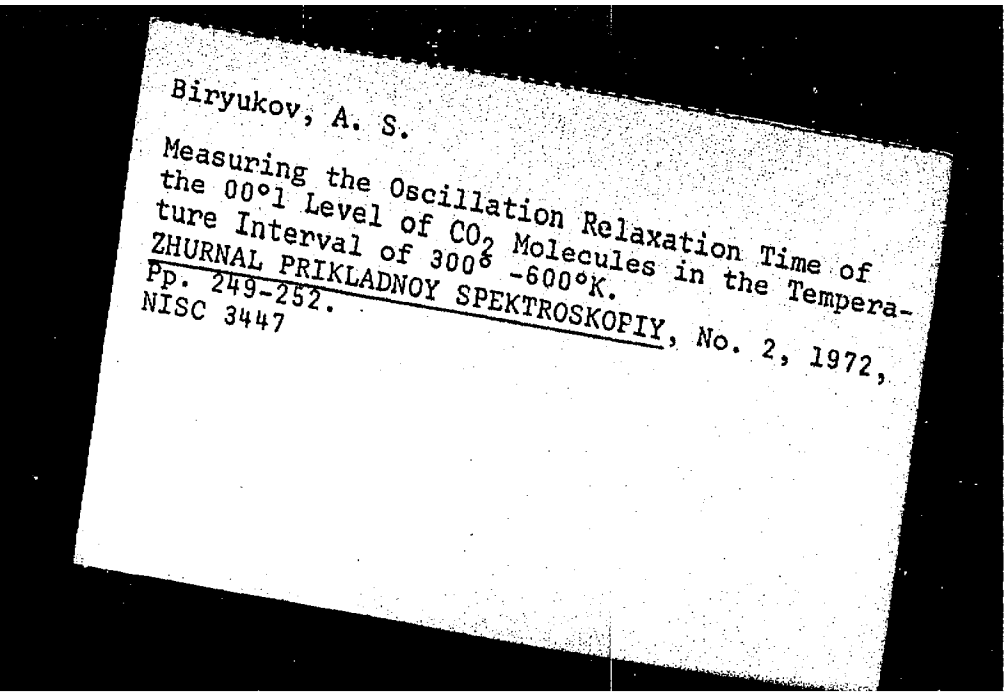

Biryukov, A. S.

Measuring the Oscillation Relaxation Time of the 00°1 Level of CO_2 Molecules in the Temperature Interval of 300° -600°K.

ZHURNAL PRIKLADNOY SPEKTROSKOPIY, No. 2, 1972, Pp. 249-252.

NISC 3447

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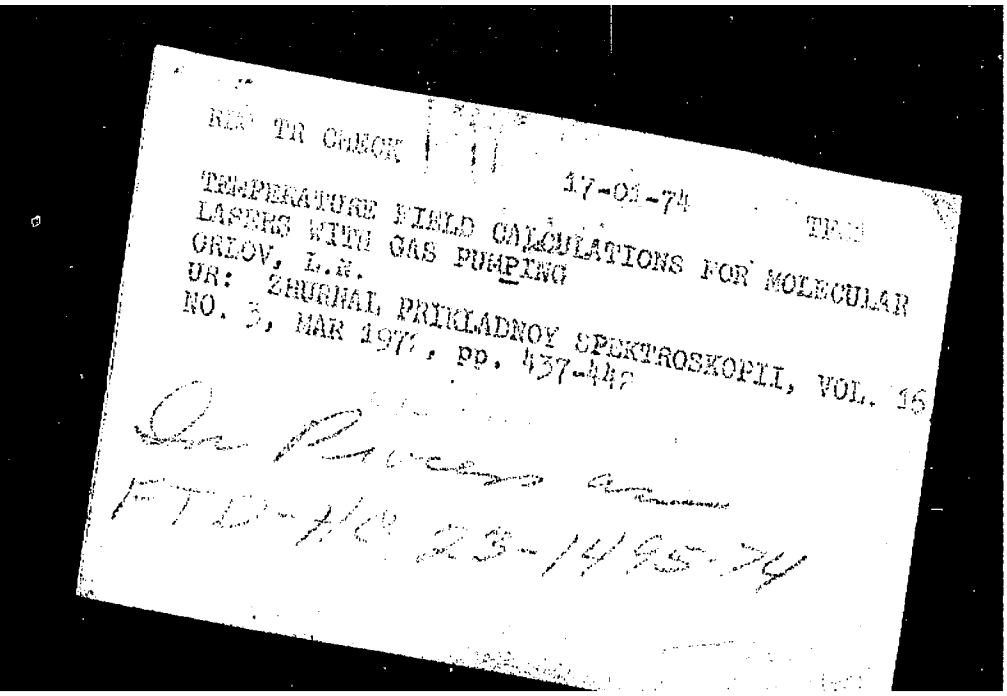
APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3



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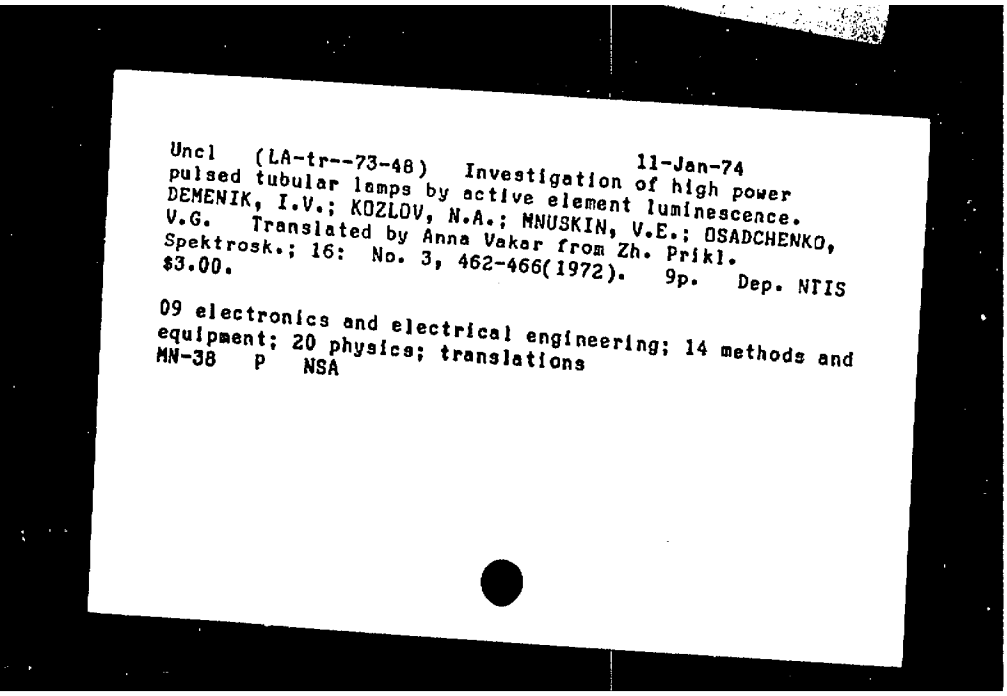

Uncl (LA-tr--73-48) Investigation of high power pulsed tubular lamps by active element luminescence. 11-Jan-74
DEMENIK, I.V.; KOZLOV, N.A.; MNUSKIN, V.E.; OSADCHENKO, V.G. Translated by Anna Vaker from Zh. Prikl. Spektrosk.; 16: No. 3, 462-466(1972). 9p. Dep. NTIS $3.00.

09 electronics and electrical engineering; 14 methods and equipment; 20 physics; translations
MN-38 P NSA

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TRISHIN. G. V.
//ZHURNAL PRIKLADNOY SPEKTROSKOPII//
--/--/1972, V0017, N0003
Principles of formation of atomic vapor in a thermionic cathode 9 pp
pp ARM/FSTC/HT-23-399-74##

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Picatinny Arsenal
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9244/2558
18 Nov 74

Title (Russian)

Author: Maluikov, V.V., et al.

Source: Zh. Prikl. Spect. Vol. 18, pp. 87-93 (1973).

Language: Russian

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Kovtonyuk, N. F.

Image Converter Based on Multi-Layer Semi-conductor-Dielectric Structures.
8 pp
ZHURNAL PRIKLADNOY SPEKTROSKOPII, Minsk, Vol 18, No 1, Jan 1973, pp 127-132.
JPRS 59636 /27

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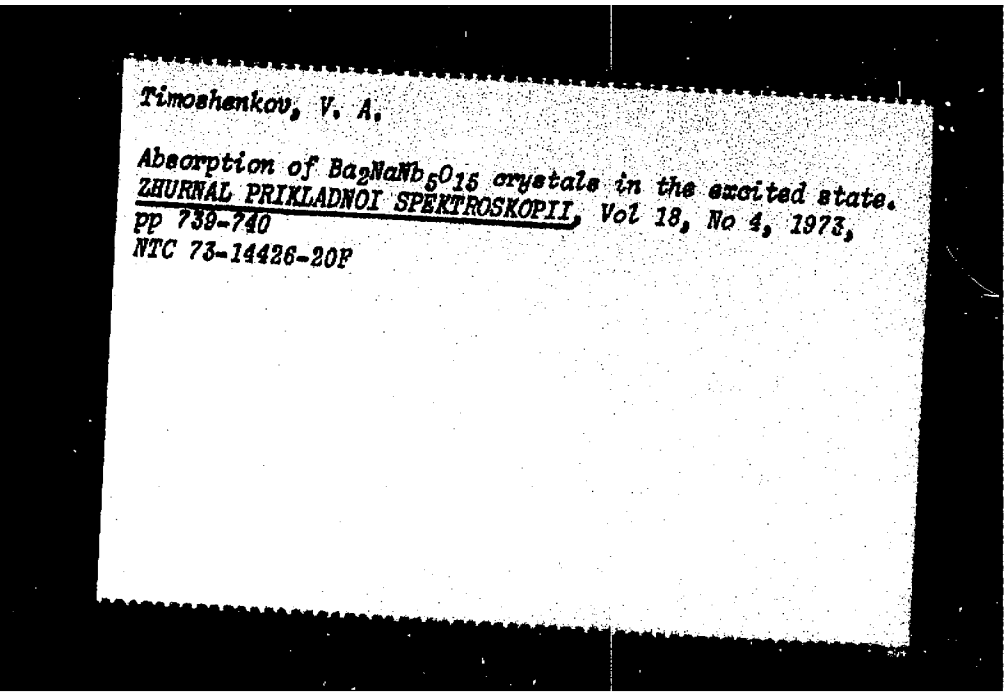

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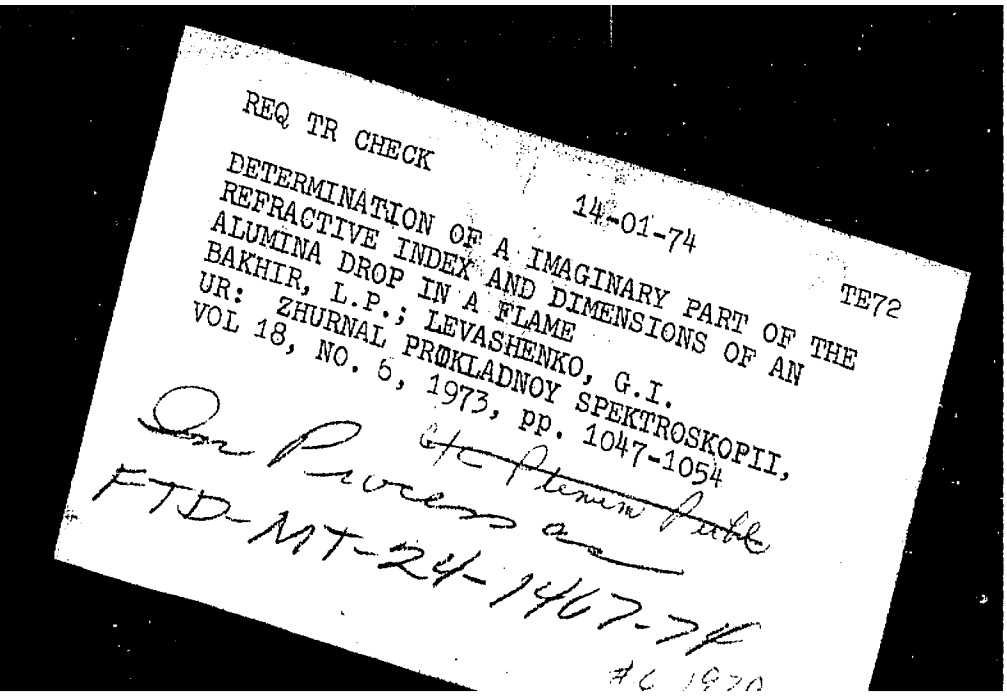

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DETERMINATION OF A IMAGINARY PART OF THE REFRACTIVE INDEX AND DIMENSIONS OF AN ALUMINA DROP IN A FLAME

BAKHIR, L.P.; LEVASHENKO, G.I.

UR: ZHURNAL PRIKLADNOY SPEKTROSKOPII, VOL 18, NO. 6, 1973, pp. 1047-1054

On Power a~~nd Atomic~~ Pulse

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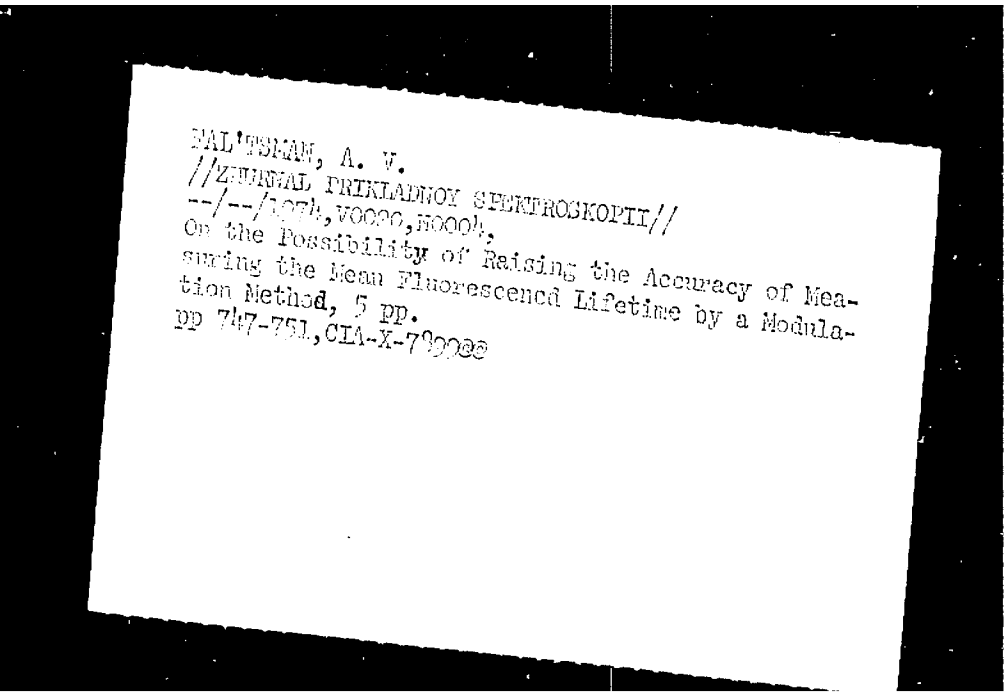

BAL'TSKAN, A. V.
//ZHURNAL PRIKLADNOY SPEKTROSKOPII//
--/--/19??, V0000, N0000,
On the Possibility of Raising the Accuracy of Measuring the Mean Fluorescenced Lifetime by a Modulation Method, 5 pp.
pp 747-751, CIA-X-7?0?0?

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Zhukovskiy, N. Ye.

Determination of Liquid Motion during any Conditions found on a Line of Current
ZHURNAL RUSSKAGO FIZIKO-CHIMICHESKAGO OBSHESHESTVA,
vol. 23, no. 2, Section one, 1891, pp. 89-100
NASA TT F-15,207

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Picatinny Arsenal
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16 Apr. 73

By Orelkin, et al. [illegible], V.G.Khlopina, I.I.Chernyava

Zh. Russ. Fiz. Khim. Obach.
(Journal Russian Phys. Chem. Soc.) Vol. 49,
pp. 82-87) 1917.

Language: Russian

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Title: Preparations of Hydazine Sulfate and Sodium Azide

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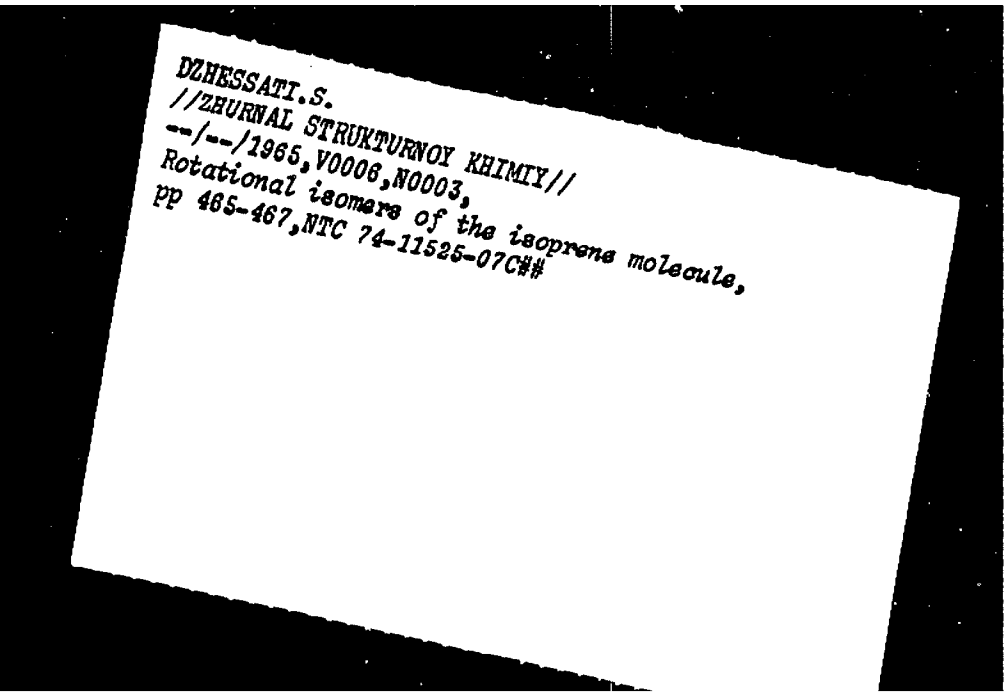

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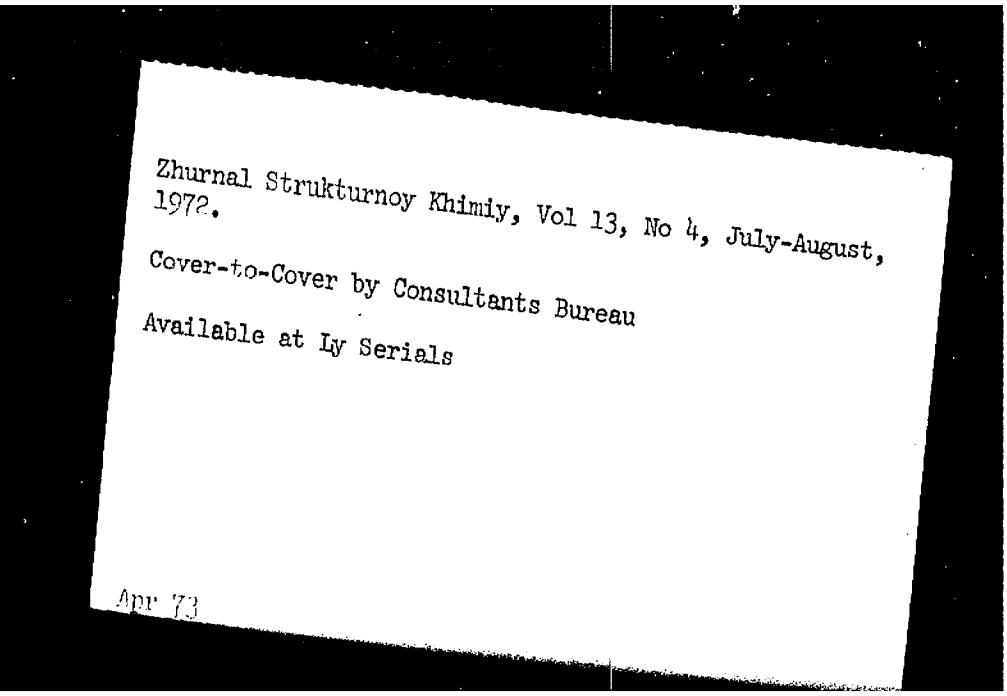

Zhurnal Strukturnoy Khimiy, Vol 13, No 4, July-August, 1972.

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APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

ZHURNAL STRUKTURNOI KHIMII, Vol 13, No 5, Sept-Oct 1972,

Russian pages 763-967
English pages 717-907

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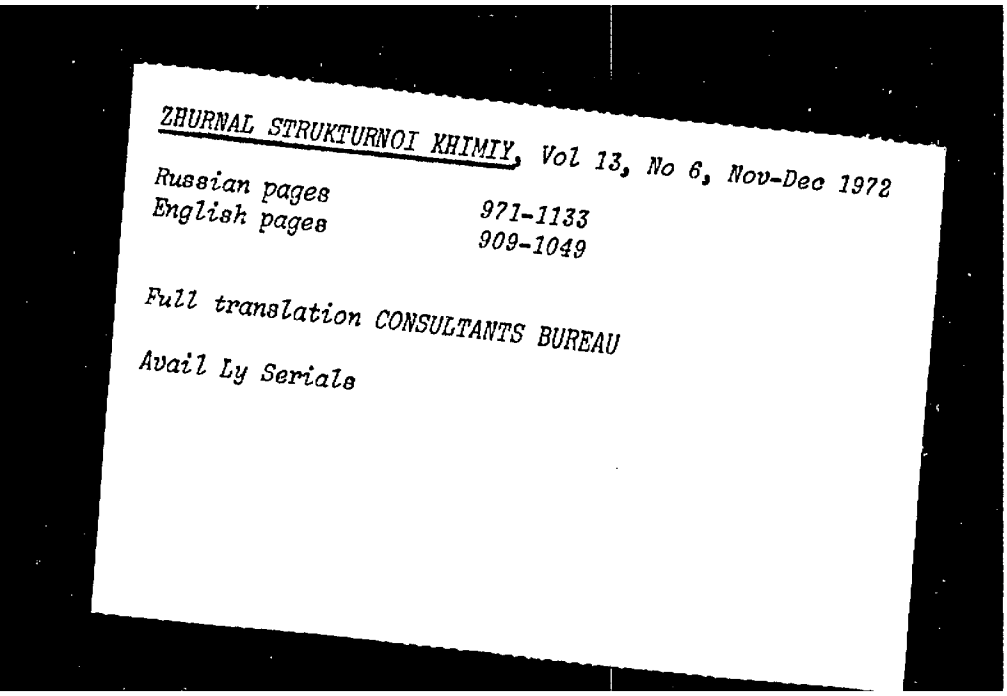

ZHURNAL STRUKTURNOI KHIMIY, Vol 13, No 6, Nov-Dec 1972

Russian pages 971-1133
English pages 909-1049

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ZHURNAL STRUKTURNOI KHIMII, Vol.14, No.2, Mar.
Apr., 1973.
ENGLISH PAGES: 193-355
RUSSIAN PAGES: 211-389

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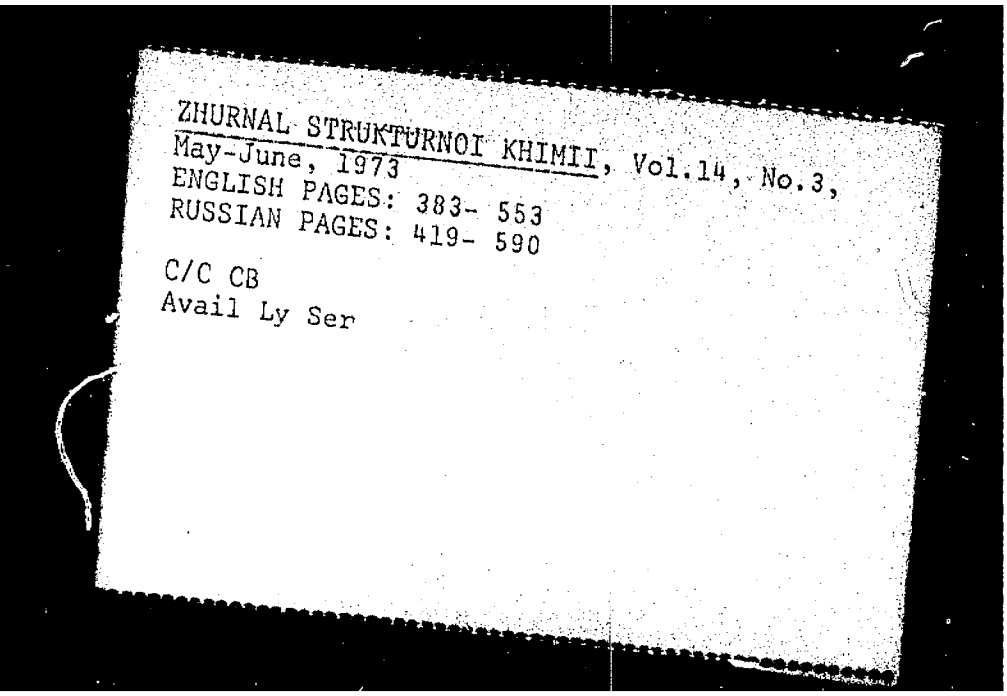

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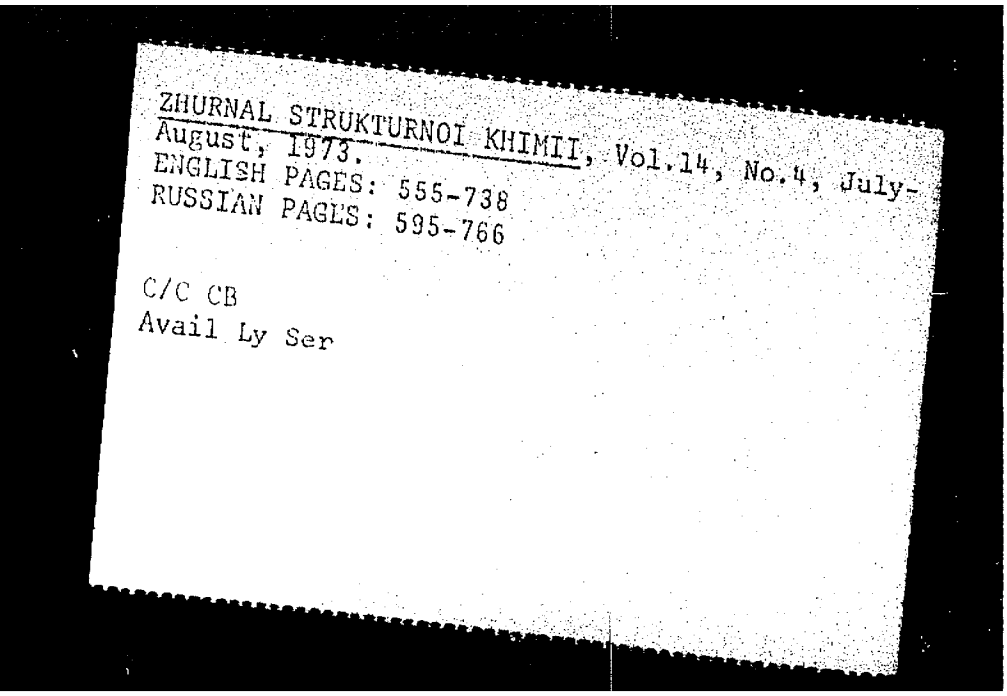

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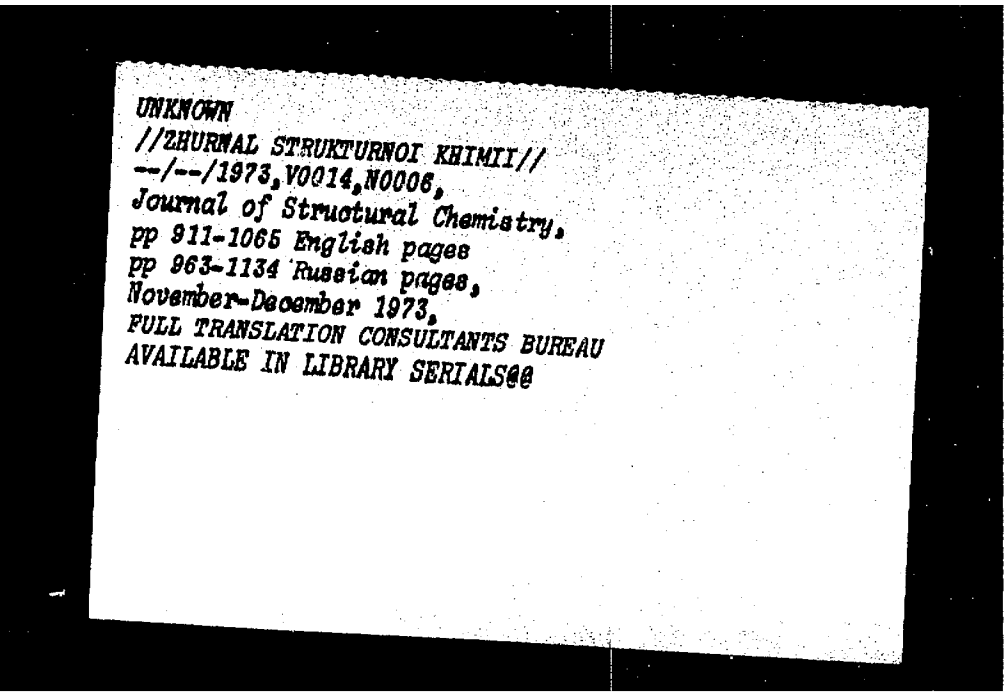

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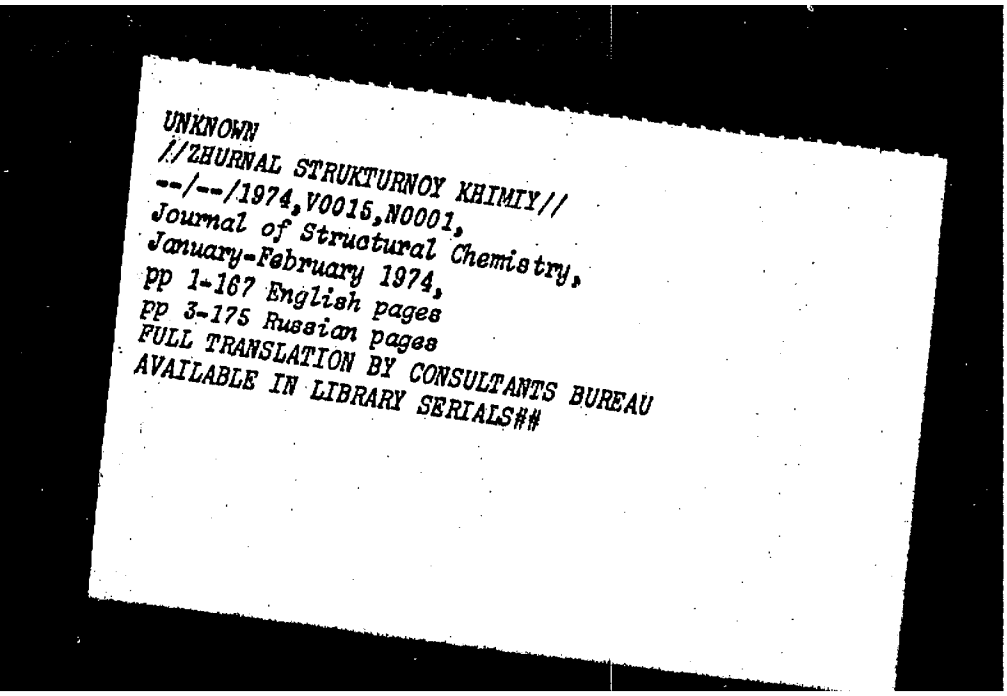

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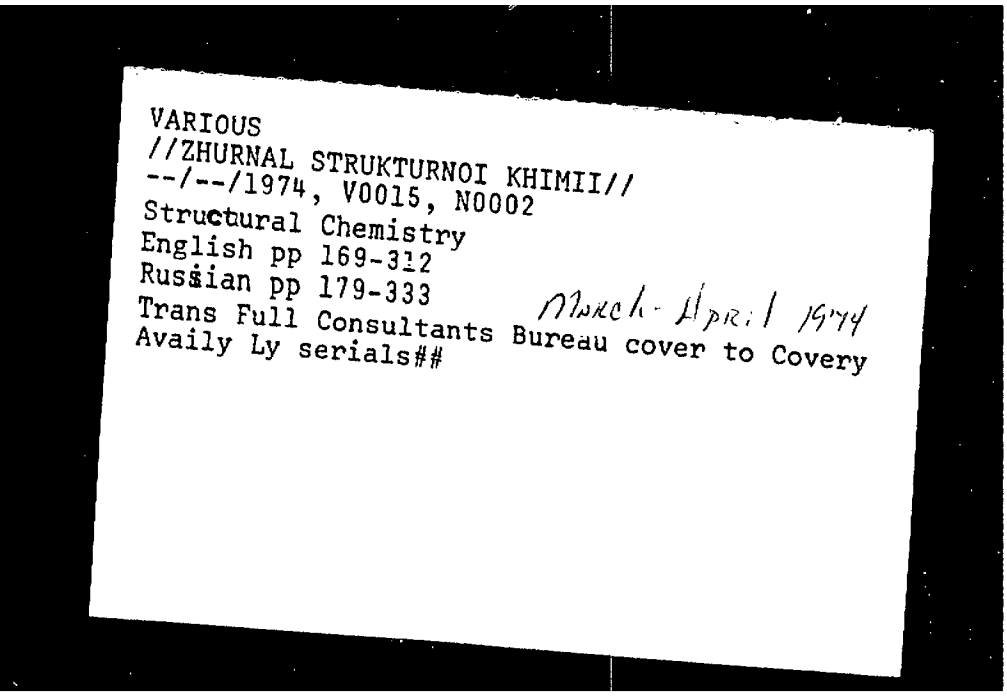

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//ZHURNAL STRUKTURNOI KHIMII//
--/--/1974, V0015, N0002
Structural Chemistry
English pp 169-312
Russian pp 179-333 March-April 1974
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APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

Butayeva, F. A.

The influence of discharge parameters on the intensity of the 1850 Å and 2537 Å mercury resonance lines. 14 pp.
ZHURNAL TEKHNICHESKOY FIZIKI, Vol. 18, No. 9, 5 May 1948, pp 1127-1135
AIR/FTD-HT-23-353-73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

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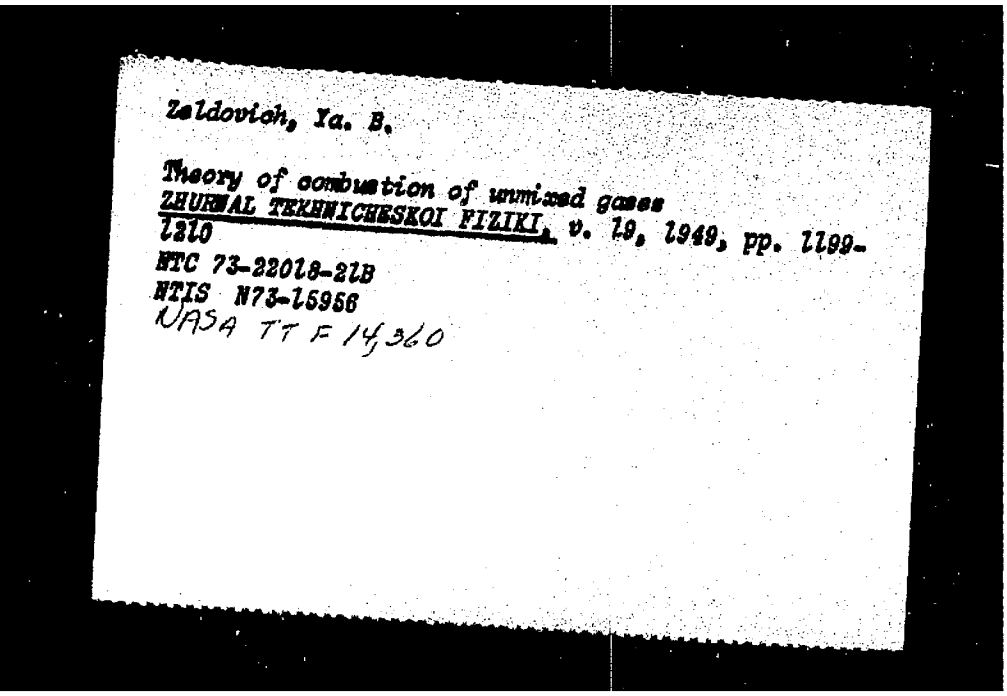

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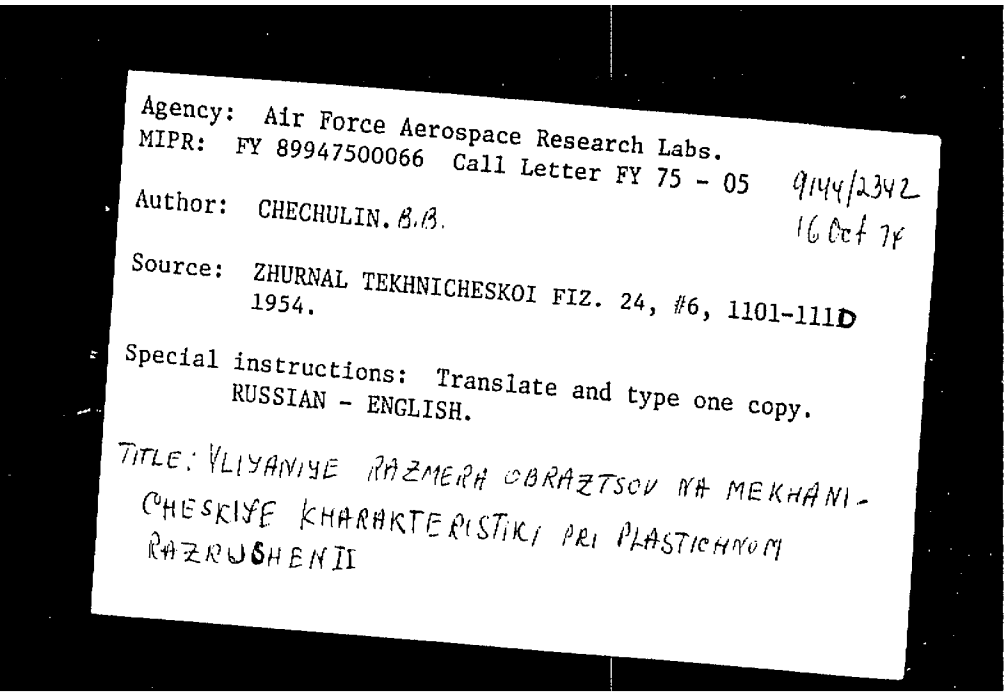

Agency: Air Force Aerospace Research Labs.
MIPR: FY 89947500066 Call Letter FY 75 - 05 9144/2342
16 Oct 74

Author: CHECHULIN, B.B.

Source: ZHURNAL TEKHNICHESKOI FIZ. 24, #6, 1101-1110
1954.

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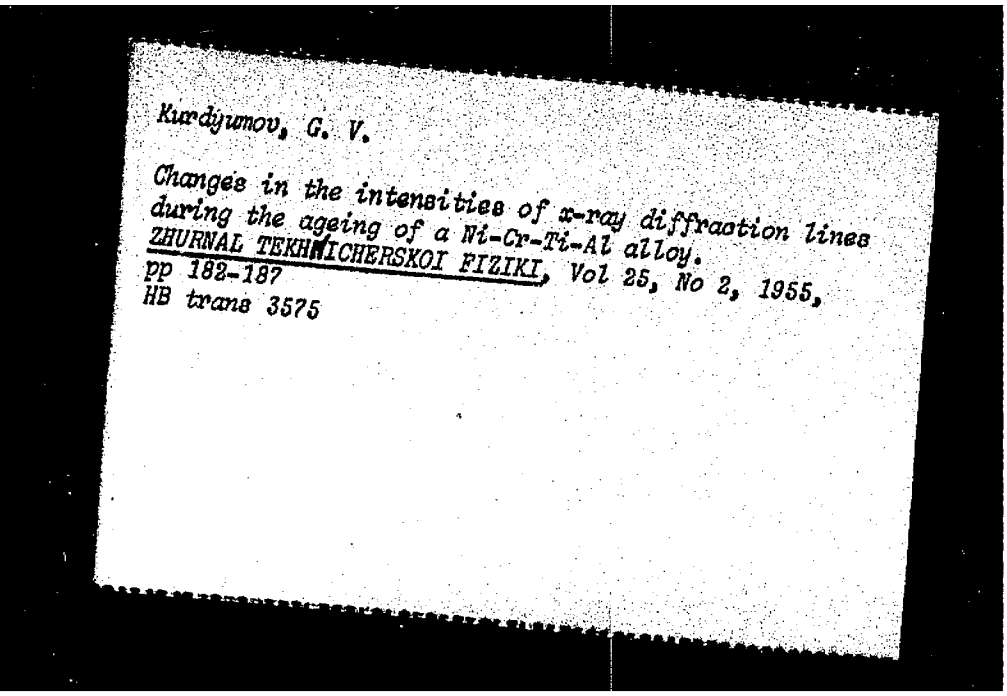
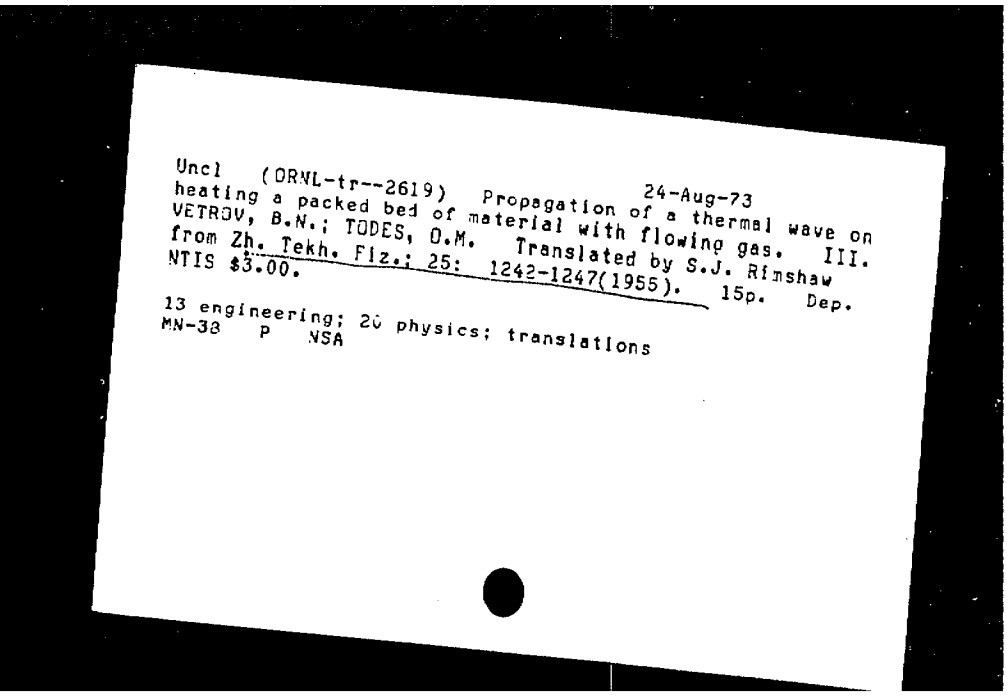


Kurdyumov, G. V.

Changes in the intensities of x-ray diffraction lines during the ageing of a Ni-Cr-Ti-Al alloy.
ZHURNAL TEKHNICHERSKOI FIZIKI, Vol 25, No 2, 1955,
pp 182-187
HB trans 3575

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3



Uncl (ORNL-tr--2619) 24-Aug-73
heating a packed bed of material with flowing gas. III.
VETROV, B.N.; TODES, O.M. Translated by S.J. Rimshaw
from Zh. Tekh. Fiz.; 25: 1242-1247(1955). 15p. Dep.
NTIS $3.00.

13 engineering; 20 physics; translations
MN-38 P NSA

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

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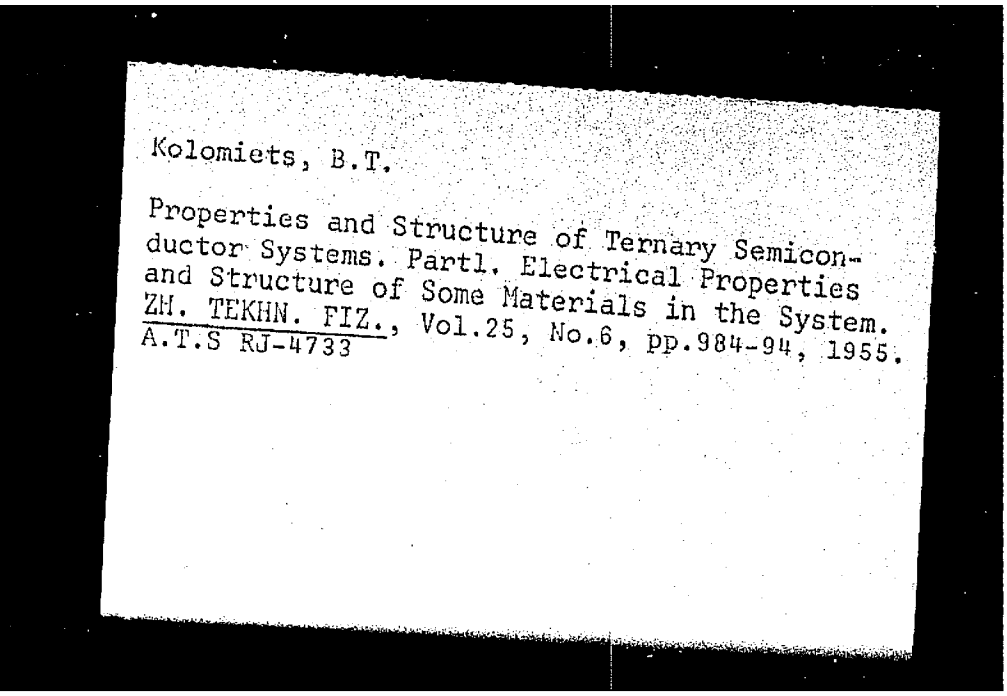
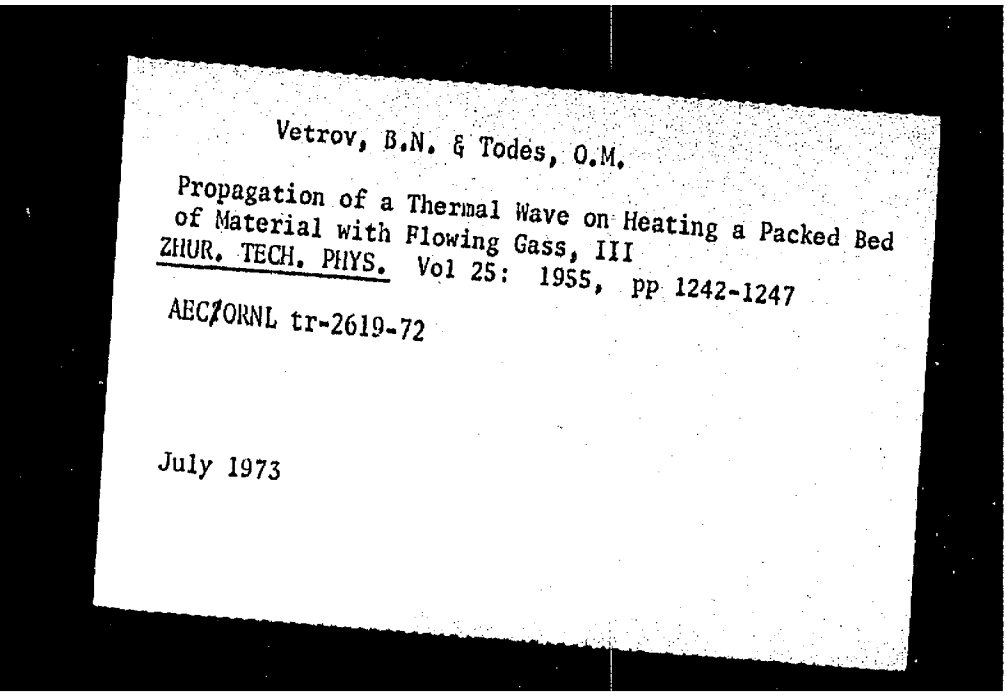


Kolomiets, B.T.

Properties and Structure of Ternary Semiconductor Systems. Partl. Electrical Properties and Structure of Some Materials in the System.
ZH. TEKHN. FIZ., Vol.25, No.6, pp.984-94, 1955.
A.T.S RJ-4733

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3



Vetrov, B.N. & Todes, O.M.

Propagation of a Thermal Wave on Heating a Packed Bed of Material with Flowing Gass, III

ZHUR. TECH. PHYS. Vol 25: 1955, pp 1242-1247

AEC/ORNL tr-2619-72

July 1973

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

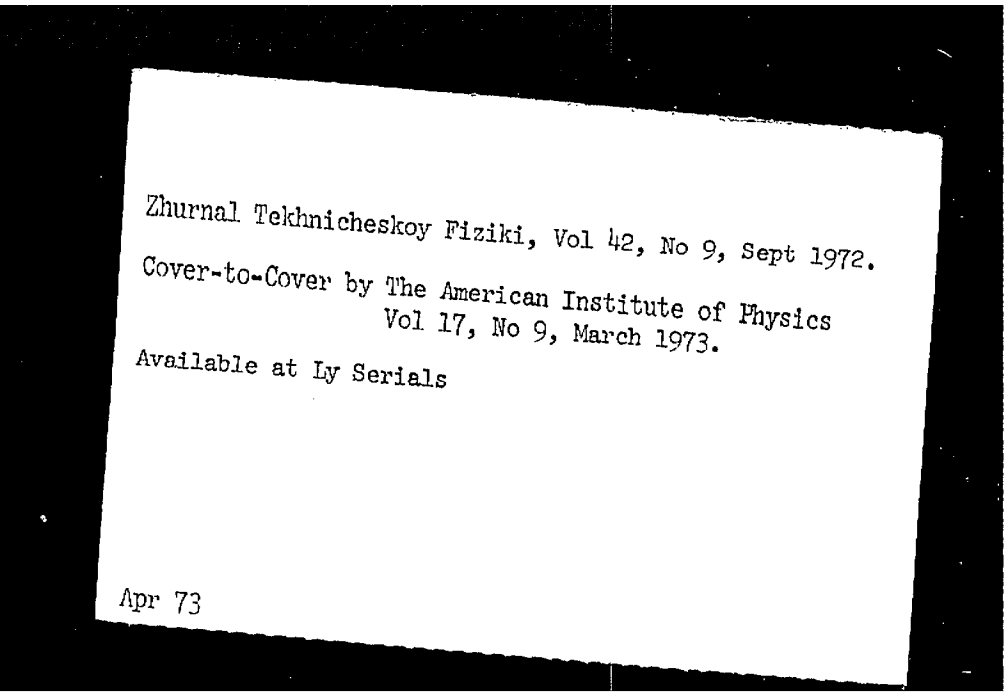
APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

Komel'kov, V. S. et al

Directional Shock Waves in High-Power Sparks.
ZH. TEKHN. FIZ. Vol. 33, No. 6, pp.719-23, 1963.
A.T.S. RJ-5254

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3



Zhurnal Tekhnicheskoy Fiziki, Vol 42, No 9, Sept 1972.

Cover-to-Cover by The American Institute of Physics
Vol 17, No 9, March 1973.

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ZHURNAL TEKHNICHESKOI FIZIKI,

RUSSIAN Vol 42, No 10, 1972, pp 2001-2248
ENGLISH Vol 17, No 10, 1972, pp 1607-1766

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ZHURNAL TEKHNICHESKOI FIZIKI, Vol 42, No 11, 1972,
Russian pages pp 2249-2248
English pages pp 1767-1907

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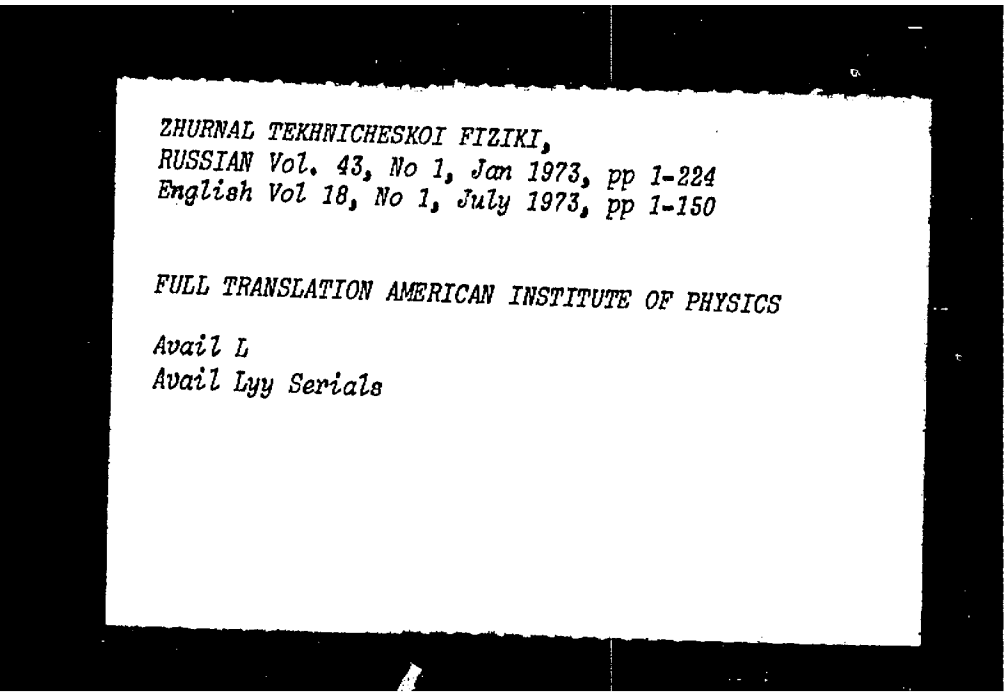

ZHURNAL TEKHNICHESKOI FIZIKI,
RUSSIAN Vol. 43, No 1, Jan 1973, pp 1-224
English Vol 18, No 1, July 1973, pp 1-150

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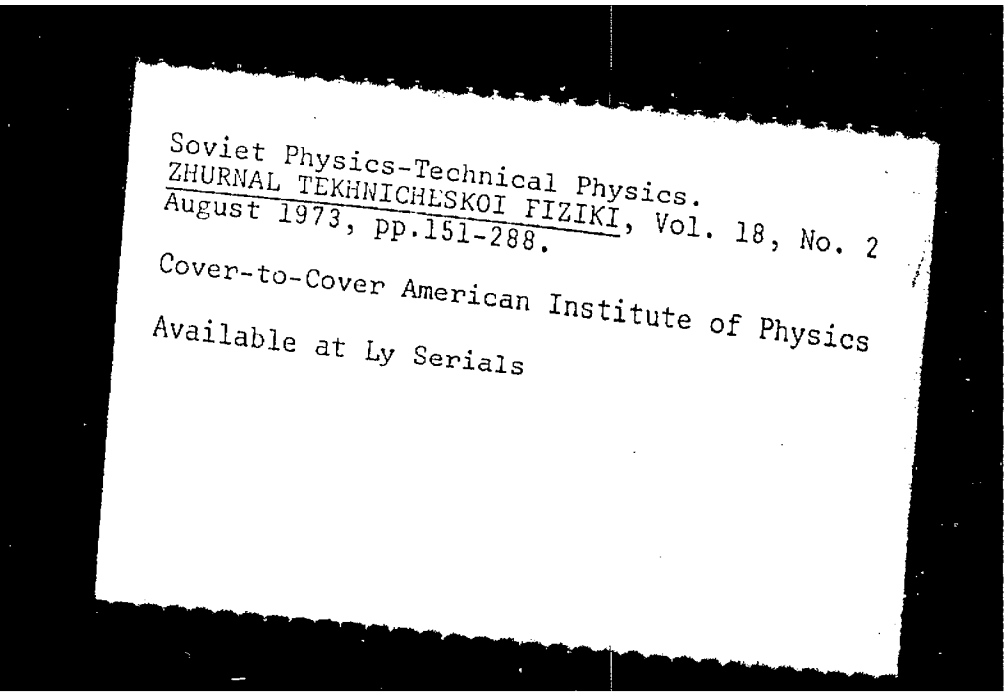

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ZHURNAL TEKHNICHESKOI FIZIKI, Vol. 18, No. 3,
Sept. 1973.
ENGLISH PAGES: 289-432
RUSSIAN PAGES: 449-684

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APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

ZHURNAL TEKHNICHESKOI FIZIKI, Vol. 18, No. 4,
October, 1973.
ENGLISH PAGES: 435-570
RUSSIAN PAGES: 689-893

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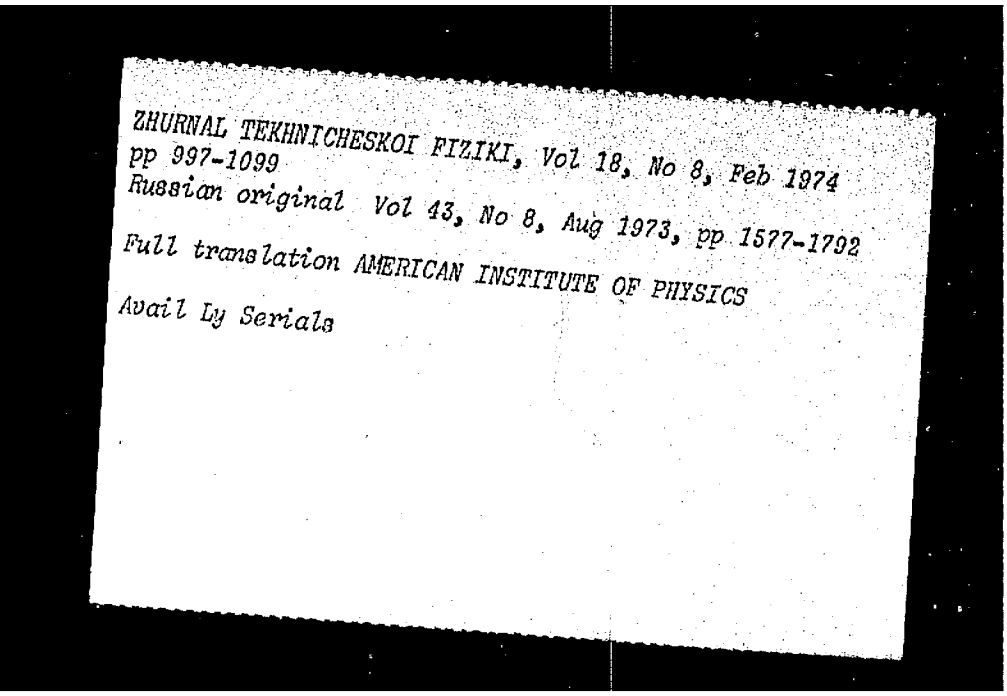

ZHURNAL TEKHNICHESKOI FIZIKI, Vol 18, No 8, Feb 1974
pp 997-1099
Russian original Vol 43, No 8, Aug 1973, pp 1577-1792
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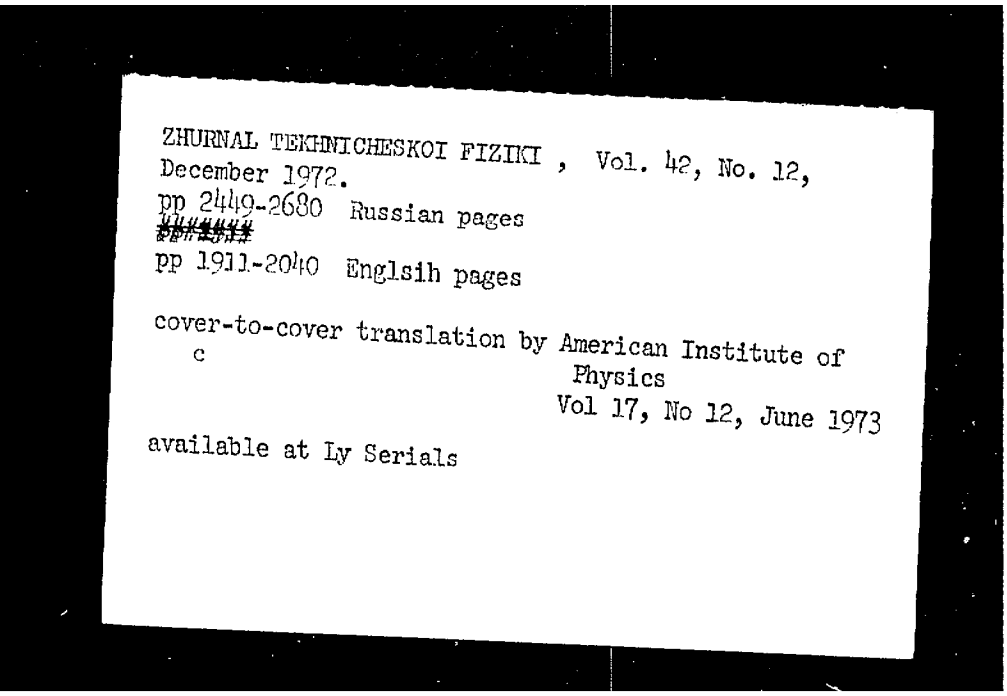

ZHURNAL TEKHNICHESKOI FIZIKI , Vol. 42, No. 12,
December 1972.
pp 2449-2680 Russian pages
[illegible]
pp 1911-2040 Englsih pages

cover-to-cover translation by American Institute of
c Physics
Vol 17, No 12, June 1973

available at Ly Serials

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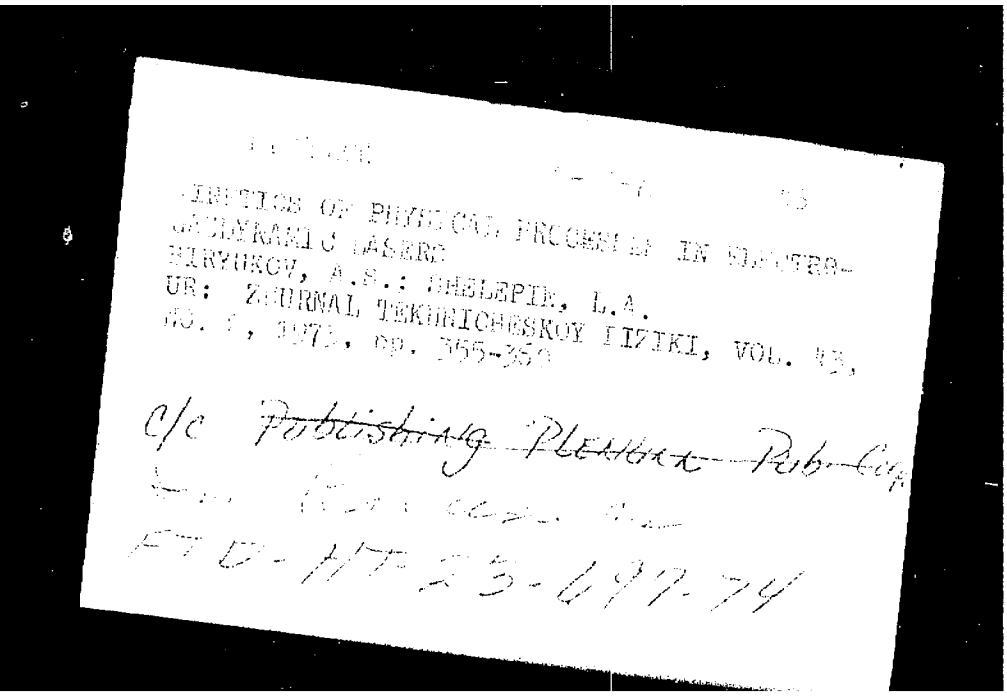

INETICS OF PHYSICAL PROCESSES IN ELECTRO-
CHEMICAL LASERS
BIRYUKOV, A.S.; GHELEPIE, L.A.
UR: ZHURNAL TEKHNICHESKOY FIZIKI, VOL. 43,
NO. 1, 1973, PP. 355-359

C/C Publishing Plenum Pub. Co.

FTD-HT-23-677-74

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

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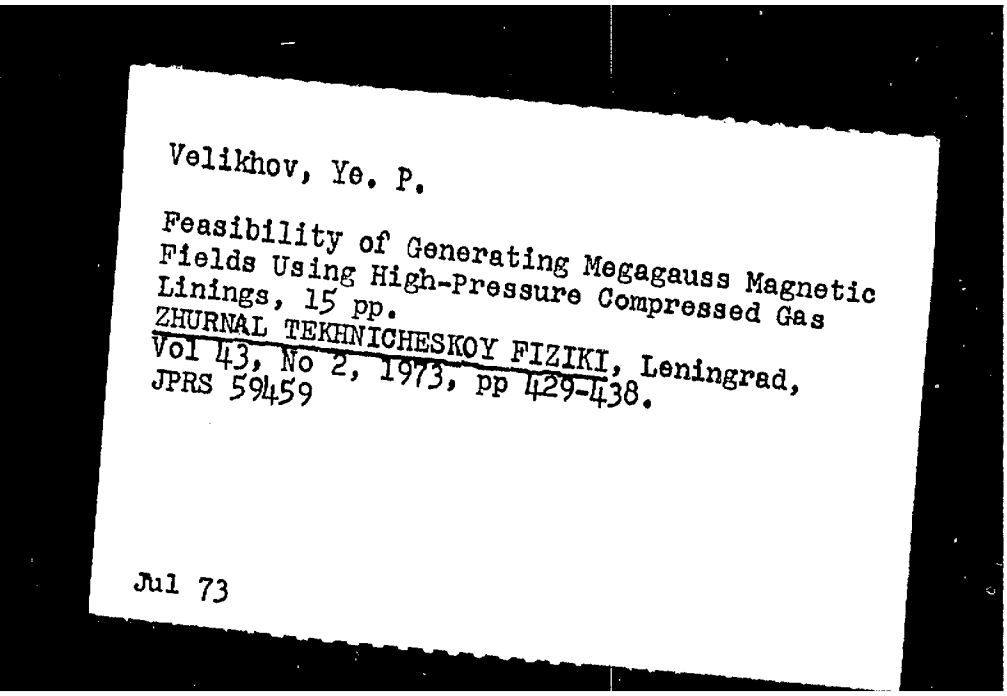


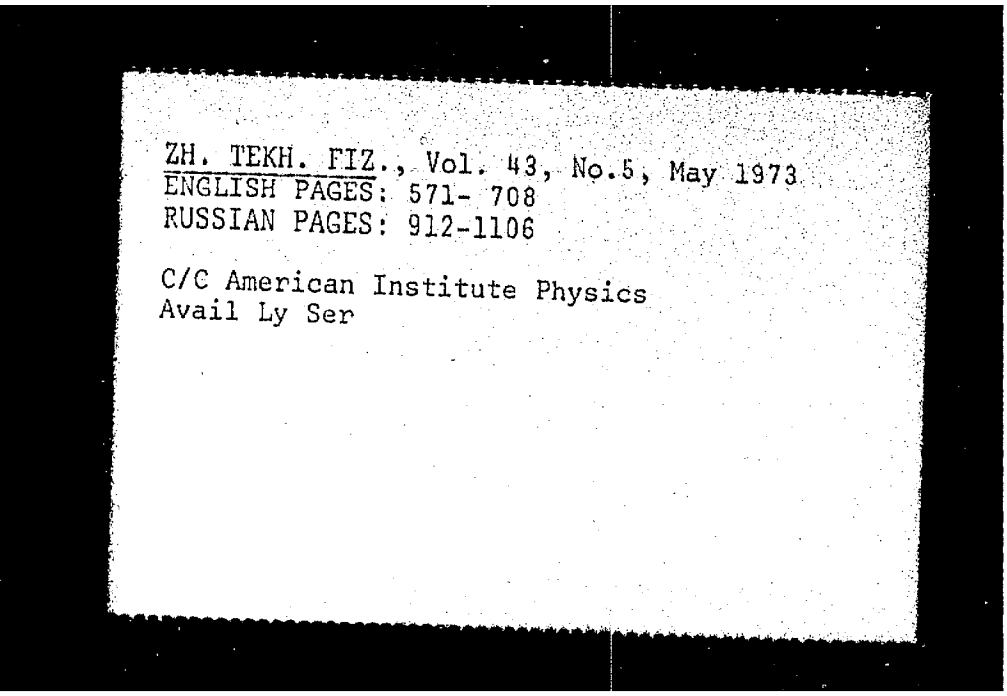
Velikhov, Ye. P.

Feasibility of Generating Megagauss Magnetic Fields Using High-Pressure Compressed Gas Linings, 15 pp.
ZHURNAL TEKHNICHESKOY FIZIKI, Leningrad,
Vol 43, No 2, 1973, pp 429-438.
JPRS 59459

Jul 73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3



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APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

ZHURNAL TEKHNICHESKOI FIZIKI, Vol 18, No 6, Dec. 1973
Russian original Vol 43, No 6, June 1973, pp 1113-1328

ENGLISH PAGES pp 711-846

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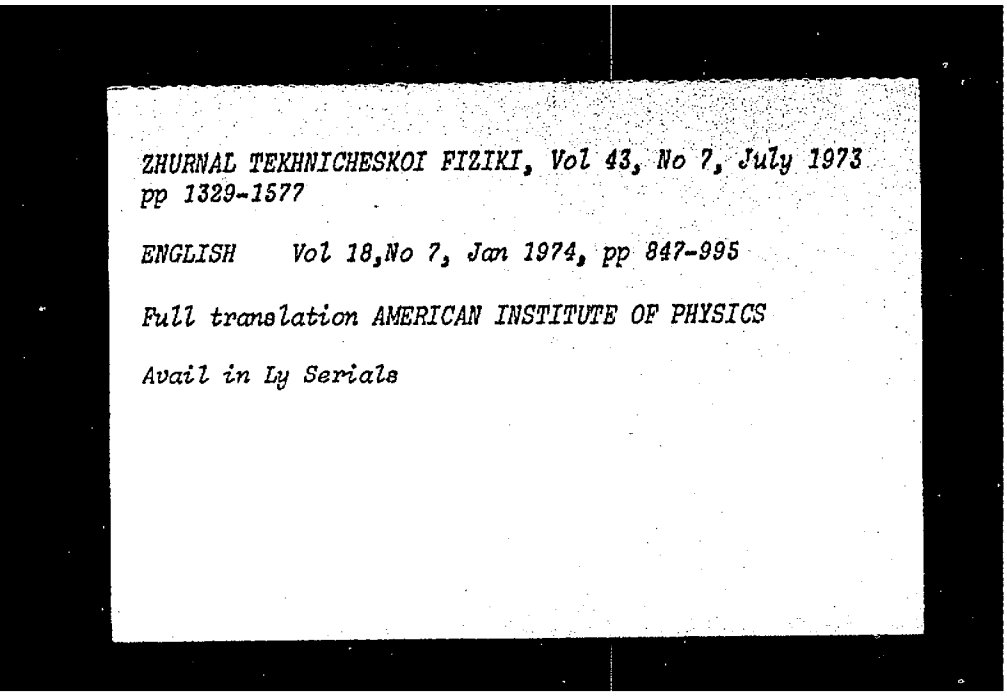

ZHURNAL TEKHNICHESKOI FIZIKI, Vol 43, No 7, July 1973
pp 1329-1577

ENGLISH Vol 18,No 7, Jan 1974, pp 847-995

Full translation AMERICAN INSTITUTE OF PHYSICS

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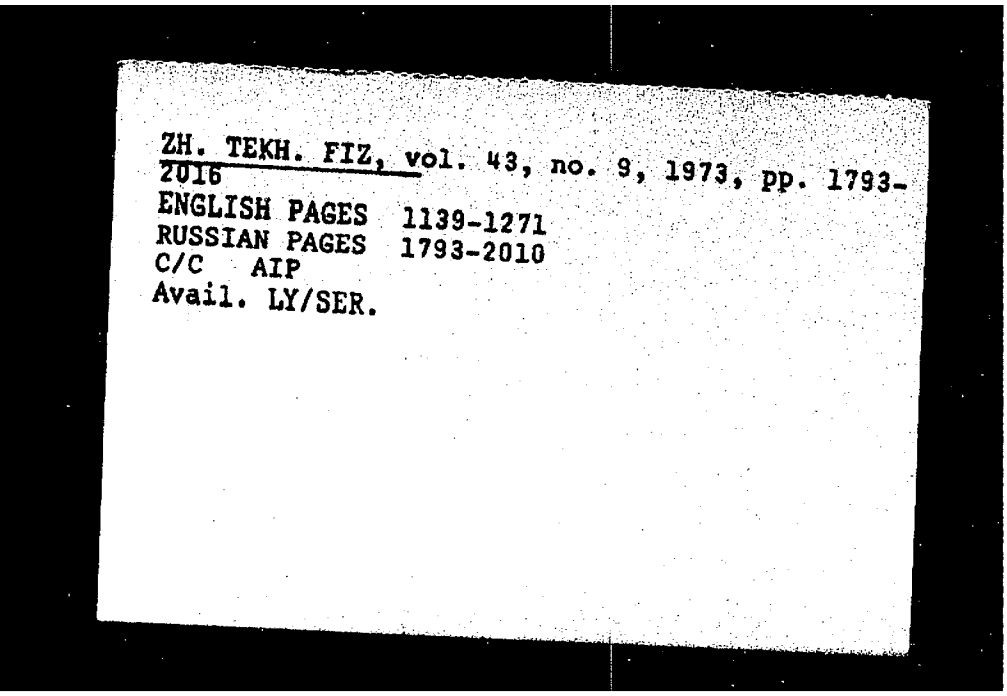
APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

Flyutto, A. A.

Acceleration of Ions by a Relativistic Electron Beam.
8 pp
ZHURNAL TEKHNICHESKOY FIZIKI, Moscow, Vol 43, No 8, 1973, pp 1627-1631.
JPRS 60651

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3



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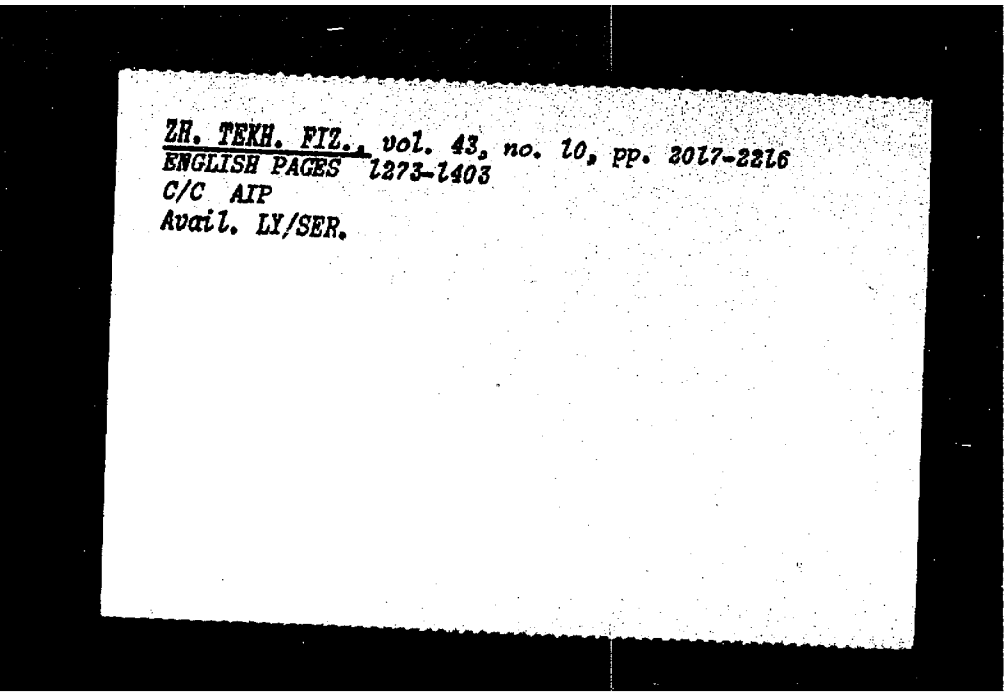

ZH. TEKH. FIZ., vol. 43, no. 10, pp. 2017-2216
ENGLISH PAGES 1273-1403
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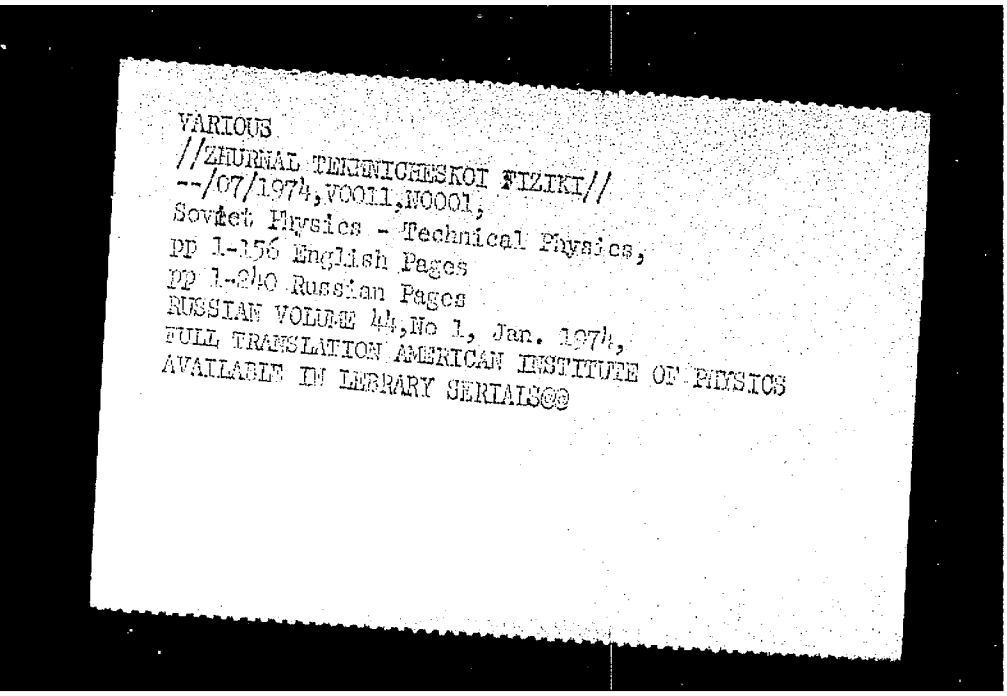

VARIOUS
//ZHURNAL TEKHNICHESKOI FIZIKI//
--/07/1974,V0011,N0001,
Soviet Physics - Technical Physics,
PP 1-156 English Pages
PP 1-240 Russian Pages
RUSSIAN VOLUME 44,No 1, Jan. 1974,
FULL TRANSLATION AMERICAN INSTITUTE OF PHYSICS
AVAILABLE IN LIBRARY SERIALS@@

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UNKNOWN
//ZHURNAL TEKHNICHESKOI FIZIKI//
--/05/1974,V0018,N0011,
Soviet Physics- Technical Physics,
pp 1405-1547 English pages
pp 2217-2453 Russian pages
Vol 43, No 11, Nov 1973, pp 2217-2456, Russion oréginal,
FULL TRANSLATION AMERICAN INSITITUTE OF PHYSICS
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UNKNOWN
//ZHURNAL TEKHNICHESKOI FIZIKI//
--/06/1974,V0018,N0012,
Soviet Physics - Technical Physics,
pp 1549-1650 English pages
pp2457-2628= Russian pages
RUSSIAN VOLUME 43, No 12, December 1973, pp 2457-2629
FULL TRANSLATION AMERICAN INSTITUTE OF PHYSICS
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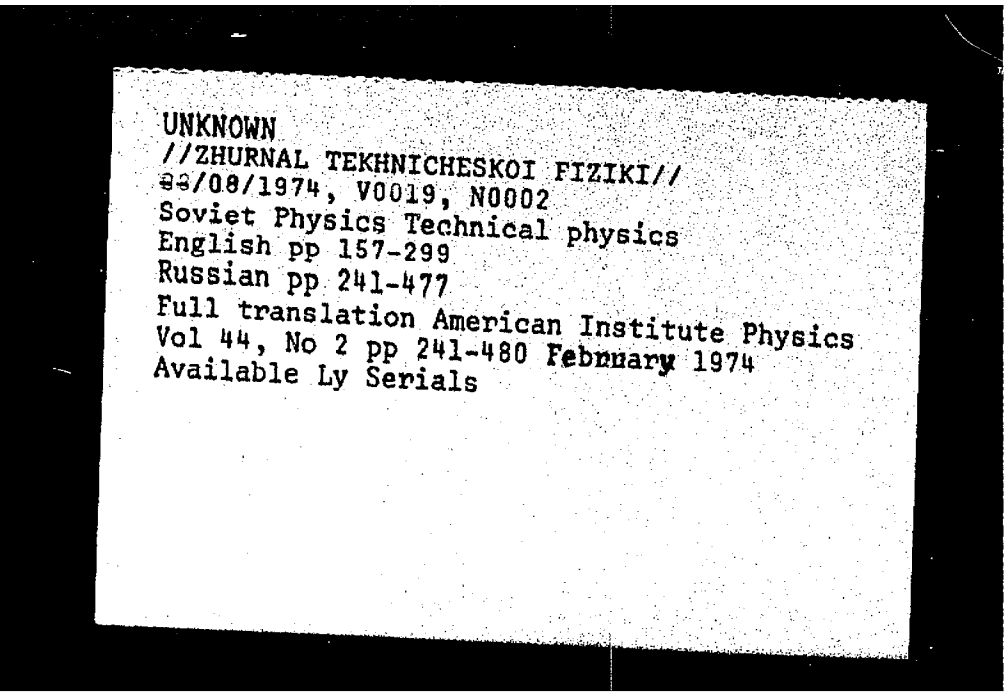

UNKNOWN
//ZHURNAL TEKHNICHESKOI FIZIKI//
~~00~~/08/1974, V0019, N0002
Soviet Physics Technical physics
English pp 157-299
Russian pp 241-477
Full translation American Institute Physics
Vol 44, No 2 pp 241-480 February 1974
Available Ly Serials

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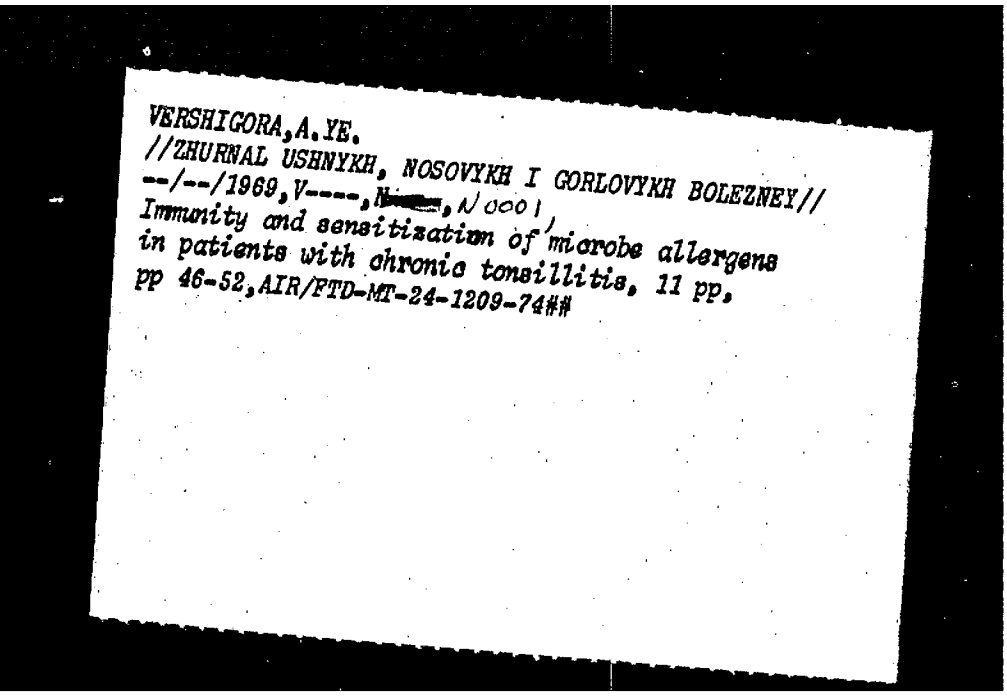
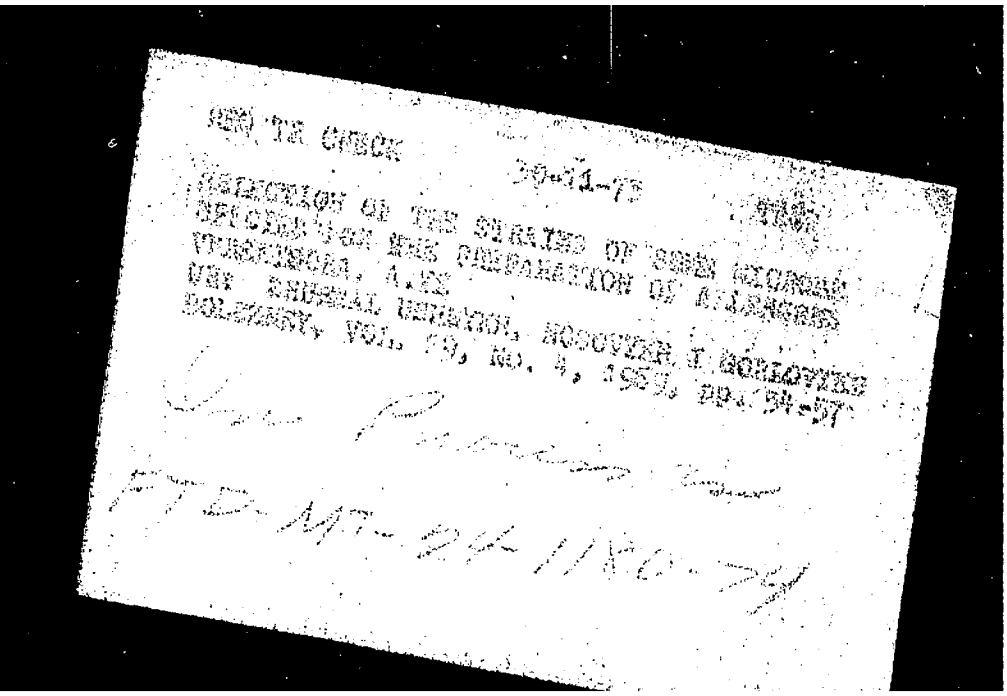


VERSHIGORA,A.YE.
//ZHURNAL USHNYKH, NOSOVYKH I GORLOVYKH BOLEZNEY//
--/--/1969,V----,[redacted],N 0001,
Immunity and sensitization of microbe allergens
in patients with chronic tonsillitis, 11 pp,
pp 46-52,AIR/FTD-MT-24-1209-74##

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3



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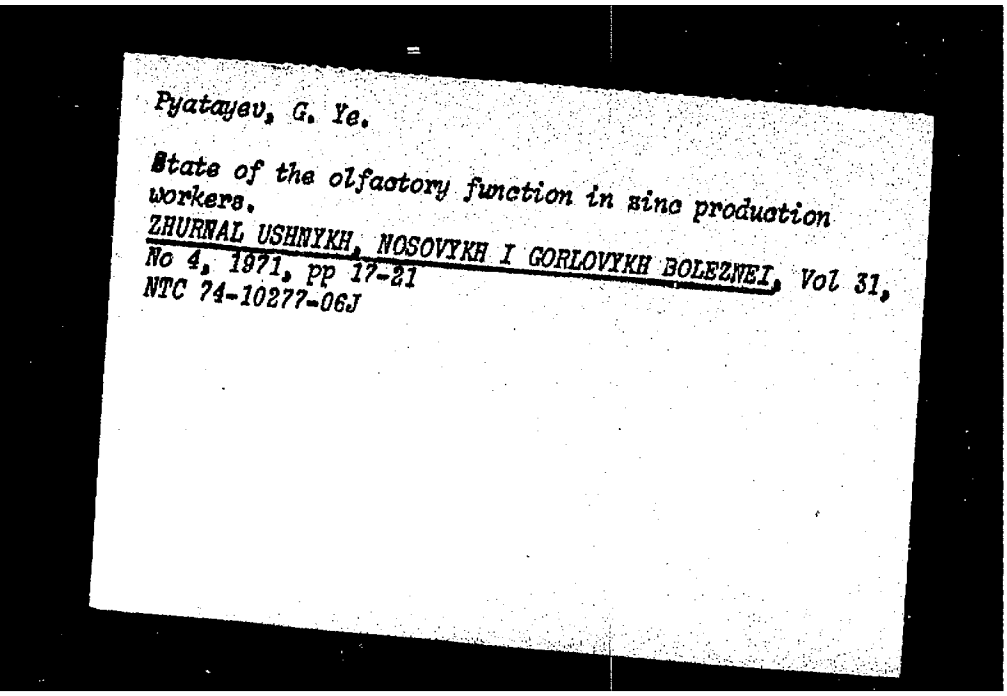

Pyatayev, G. Ye.

State of the olfactory function in zinc production workers.

ZHURNAL USHNYKH, NOSOVYKH I GORLOVYKH BOLEZNEI, Vol 31, No 4, 1971, pp 17-21

NTC 74-10277-06J

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

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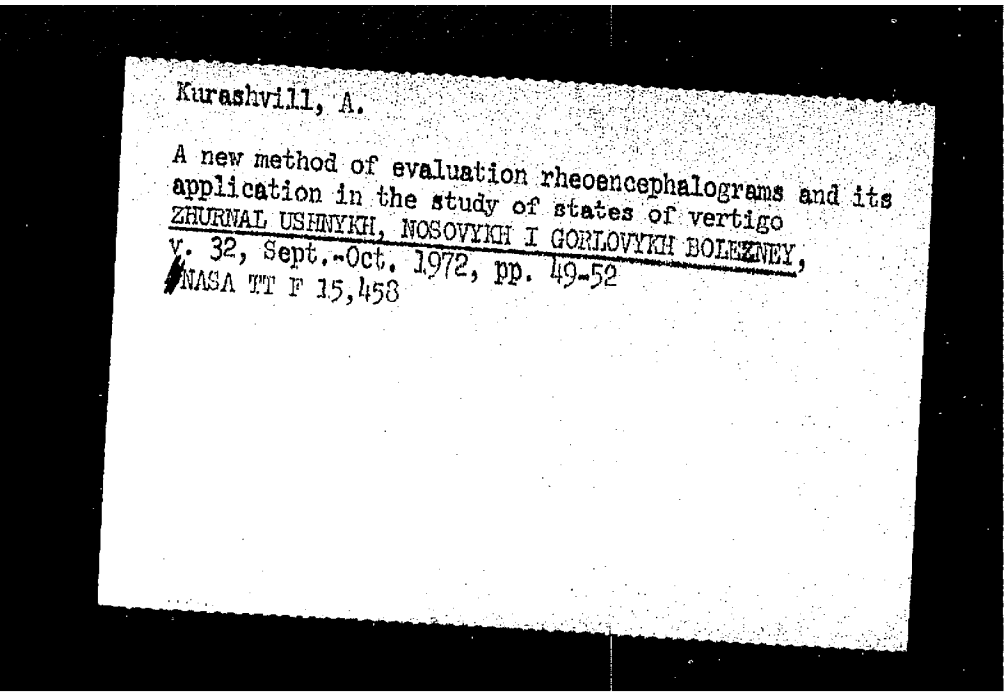
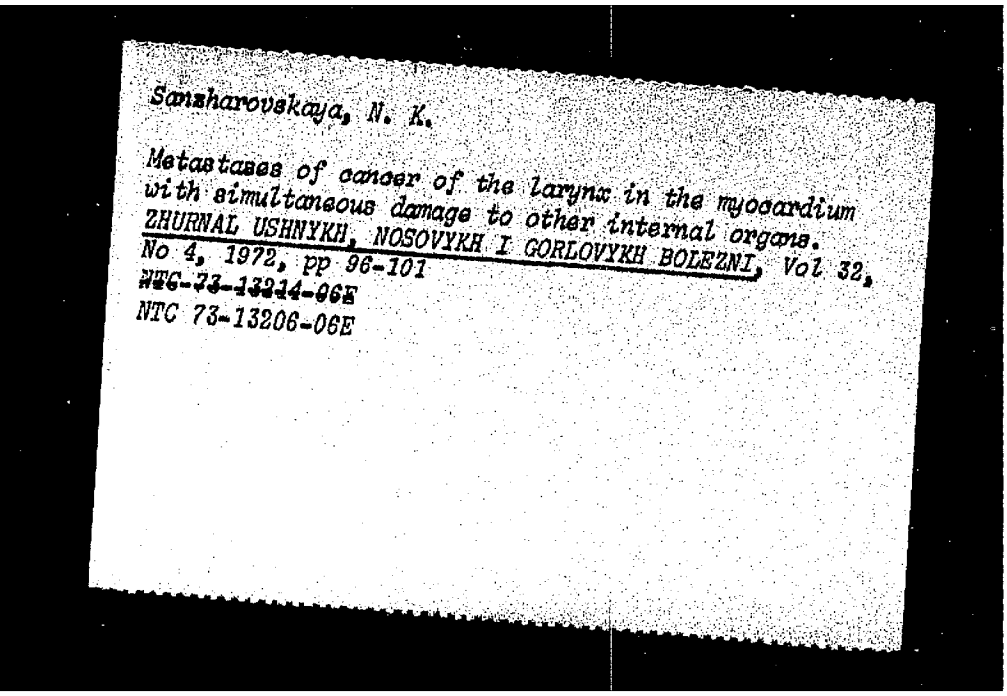


Kurashvili, A.

A new method of evaluation rheoencephalograms and its application in the study of states of vertigo
ZHURNAL USHNYKH, NOSOVYKH I GORLOVYKH BOLEZNEY,
v. 32, Sept.-Oct. 1972, pp. 49-52
NASA TT F 15,458

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3



Sanzharovskaya, N. K.

Metastases of cancer of the larynx in the myocardium with simultaneous damage to other internal organs.
ZHURNAL USHNYKH, NOSOVYKH I GORLOVYKH BOLEZNI, Vol 32, No 4, 1972, pp 96-101
~~NTC-73-13214-06E~~
NTC 73-13206-06E

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

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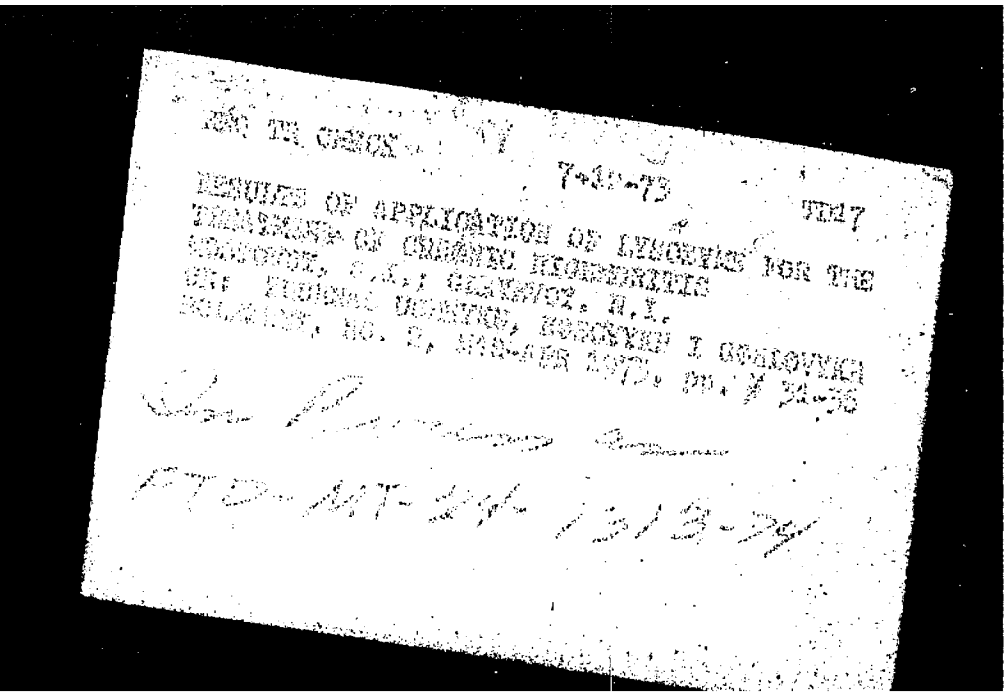

RESULTS OF APPLICATION OF LYSOZYME FOR THE
TREATMENT OF CHRONIC BRONCHITIS
GRIGOROV, G.A., GLAZKOVA, E.I.
[illegible] [illegible], BROOKLYN I OBSTETRICS
GYNECOLOGY, NO. 2, MARCH 1973, PP. 24-26

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

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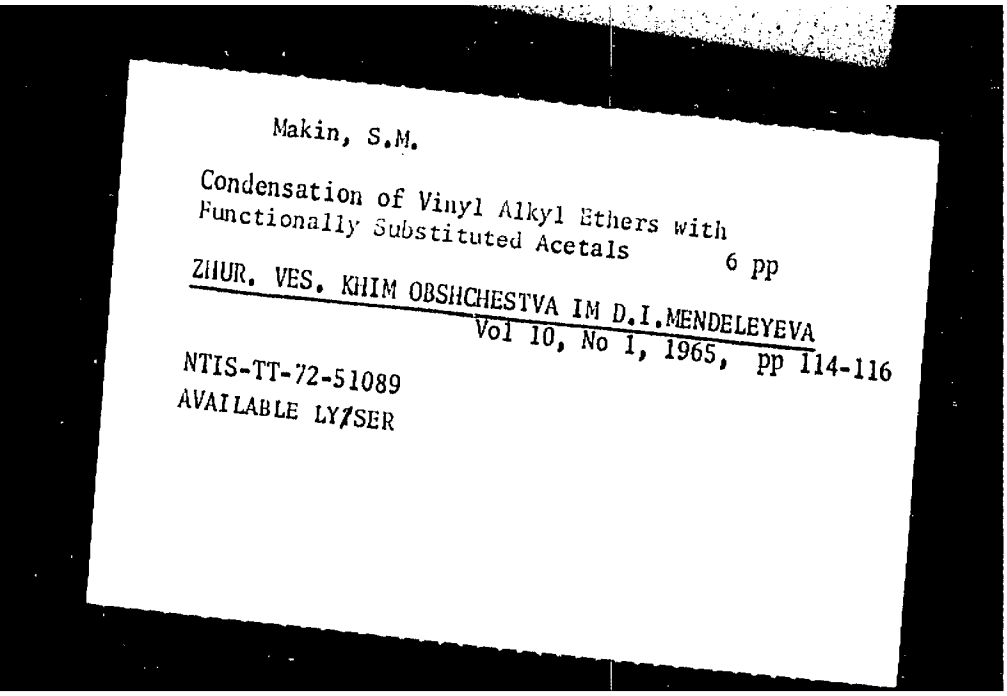

Makin, S.M.

Condensation of Vinyl Alkyl Ethers with Functionally Substituted Acetals 6 pp

ZHUR. VES. KHIM OBSHCHESTVA IM D.I.MENDELEYEVA
Vol 10, No 1, 1965, pp 114-116

NTIS-TT-72-51089
AVAILABLE LY/SER

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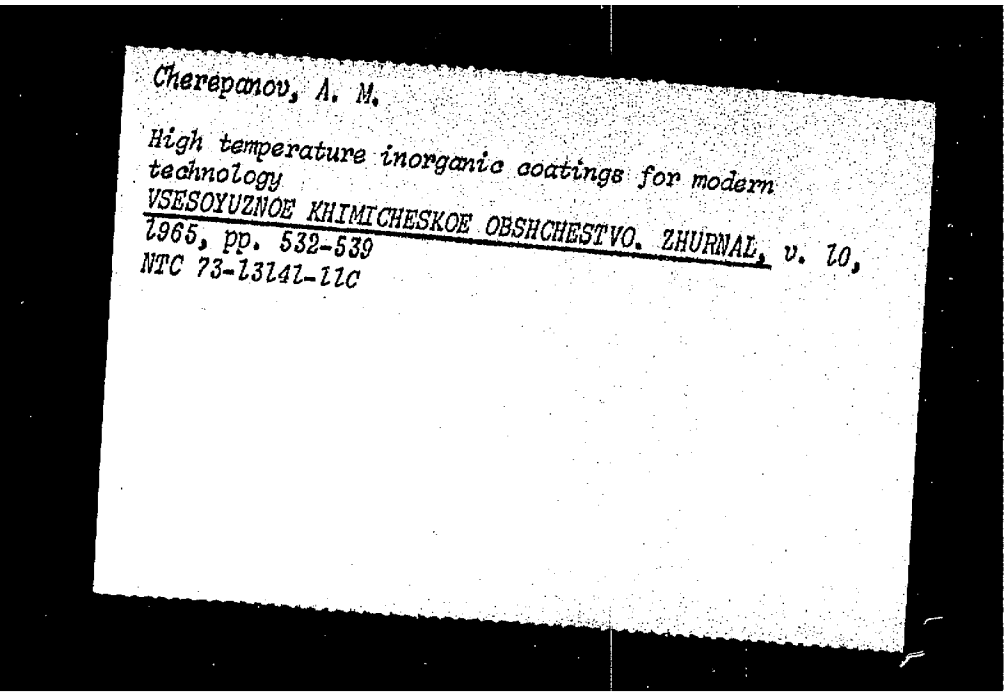

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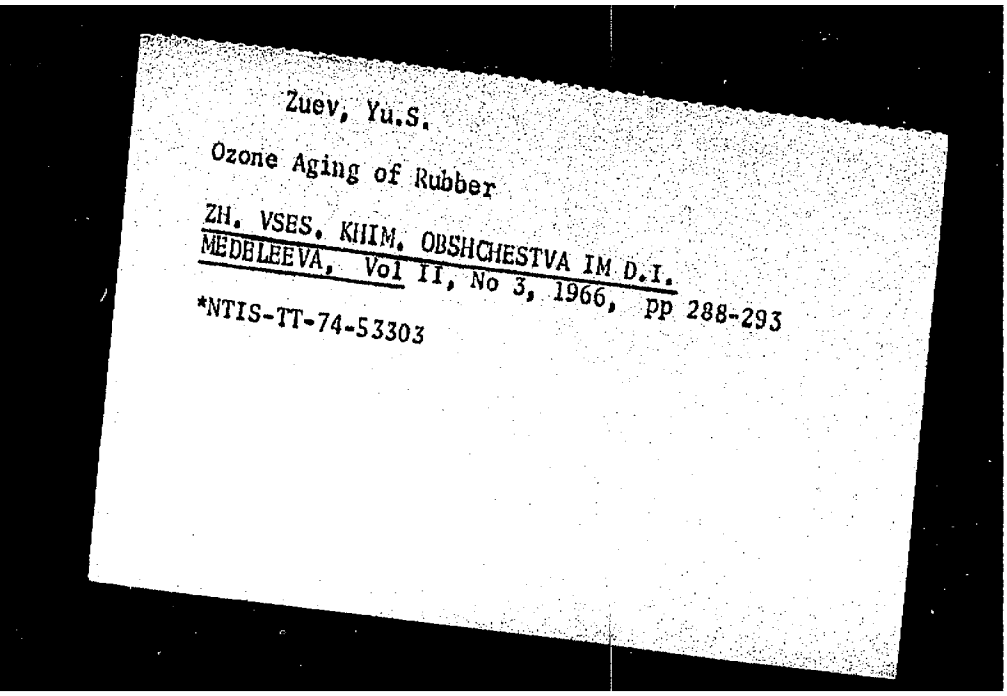

Zuev, Yu.S.

Ozone Aging of Rubber

ZH. VSES. KHIM. OBSHCHESTVA IM D.I. MENDELEEVA, Vol II, No 3, 1966, pp 288-293

*NTIS-TT-74-53303

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

Gorlovskii, S.

Surface-active substances as flotation agents.
VSESOYUZNOE KHIMICHESKOE OBSHCHESTVO.
ZHURNAL, v. 11, n. 4, p. 422-426, 1966
TC-12520

may 73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

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REACTION PRODUCTS OF CERTAIN DERIVATIVES OF D
IFLUOROPHOSPHORIC ACID WITH AMINES

DROZD, G., ETAL LANGUAGE-RU COUNTRY-UR

complete 5 pp

ZHUR. VSESOYUZ. KHIM. OBSHCHEST. IM. MENDEL.,
XIV/#5, 1969, 592-593.

FSTC-HT-23-0062-74

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

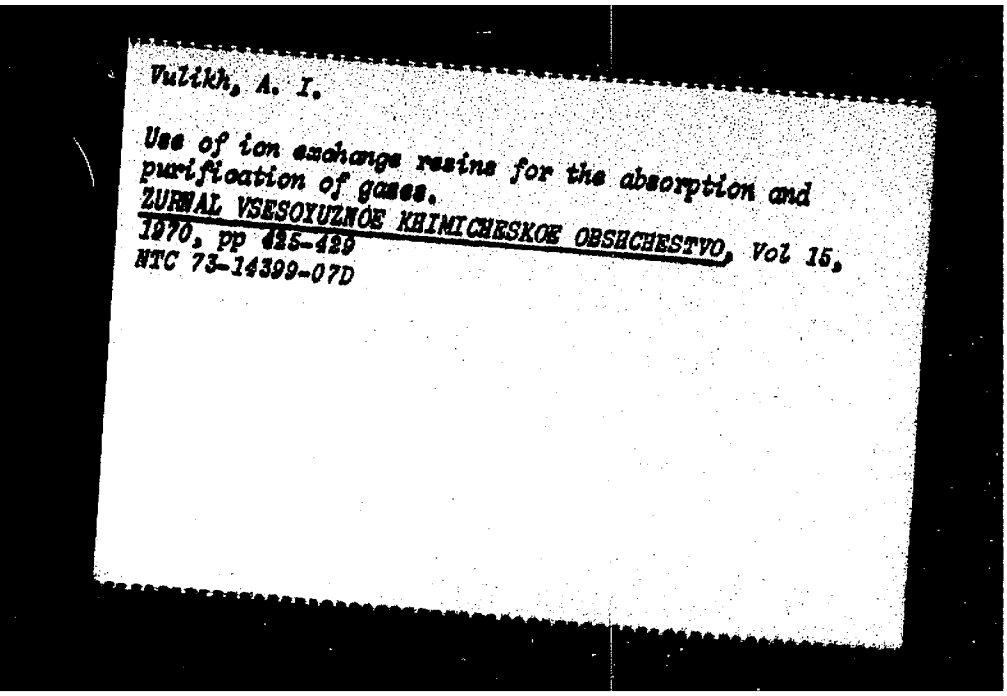
A. N. Popov

Use of ampholytes in the recovery and separation of metals.
ZHURNAL VSESOYUZNOE KHIMICHESKOE OBSHCHESTVO, Vol 15, No 4, 1970, pp 414-419
ATS 80A130R

may 73

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3



Vulikh, A. I.

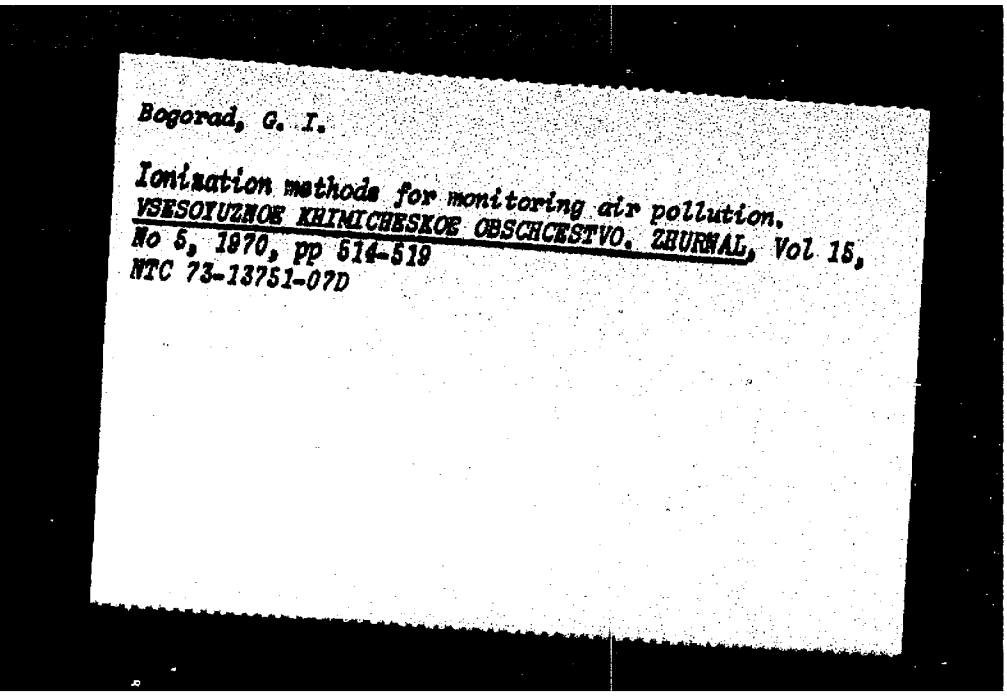
Use of ion exchange resins for the absorption and purification of gases.

ZURNAL VSESOYUZNOE KHIMICHESKOE OBSHCHESTVO, Vol 15, 1970, pp 425-429

NTC 73-14399-07D

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3



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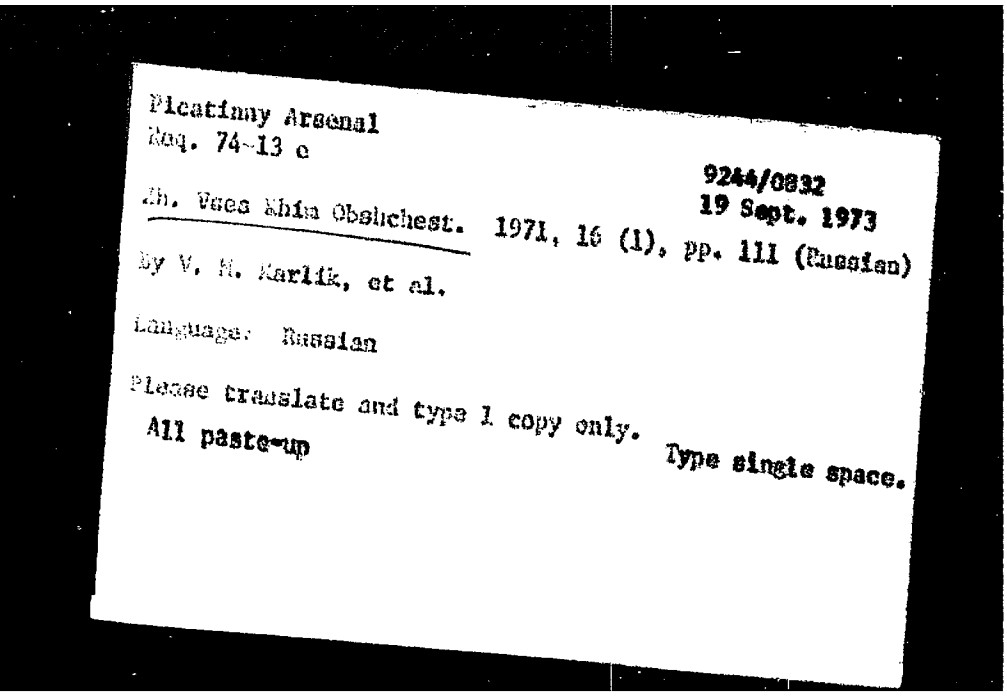

Picatinny Arsenal
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9244/0832
19 Sept. 1973

Zh. Vses Khim Obshchest. 1971, 16 (1), pp. 111 (Russian)

By V. N. Karlik, et al.

Language: Russian

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Picatinny Arsenal
Req. 74-13 f

9244/0833
19 Sept. 1973

Zh. Vses. Khim. Obshchest. 1971, 16 (1), pp. 116 (Russ.) & 117.

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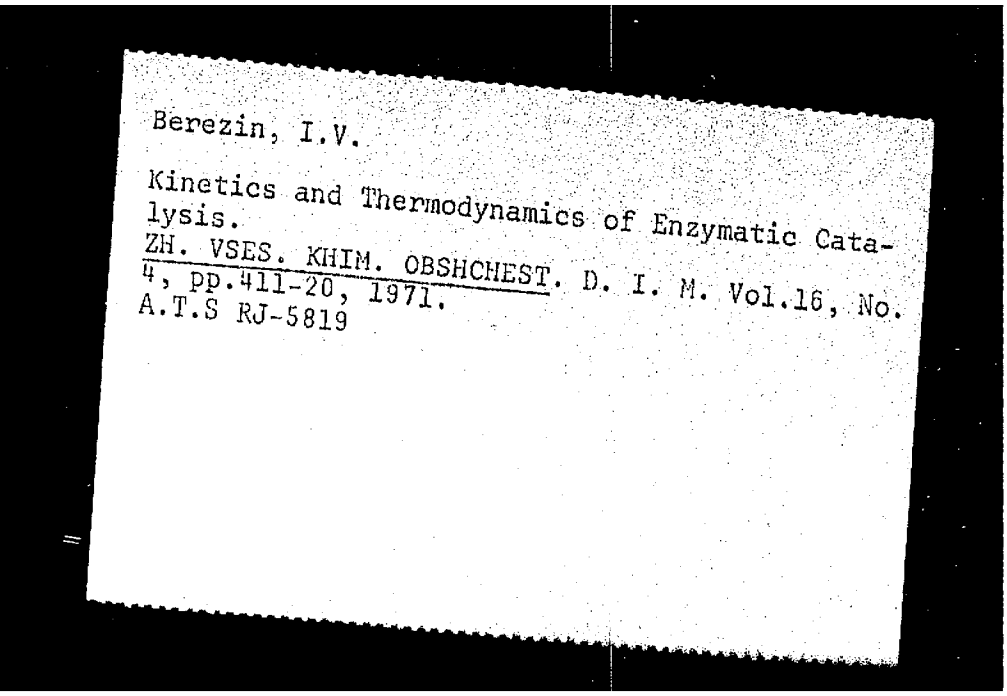
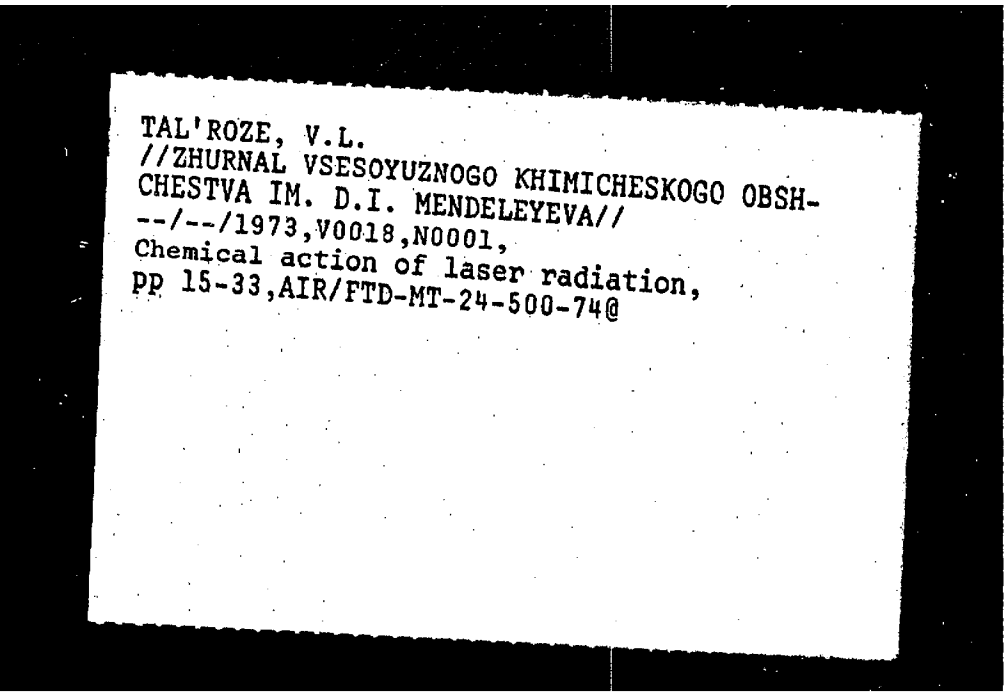


Berezin, I.V.

Kinetics and Thermodynamics of Enzymatic Catalysis.
ZH. VSES. KHIM. OBSHCHEST. D. I. M. Vol.16, No. 4, pp.411-20, 1971.
A.T.S RJ-5819

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3

APPROVED FOR RELEASE: Thursday, September 11, 2003 CIA-RDP91-00403R000200450049-3



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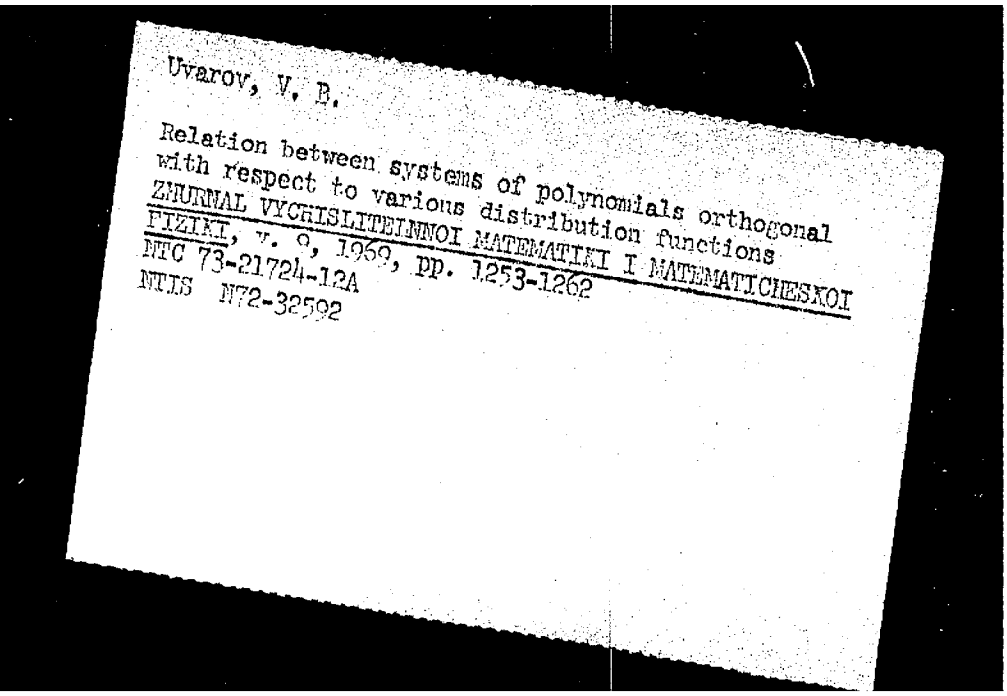

Uvarov, V. B.

Relation between systems of polynomials orthogonal with respect to various distribution functions
ZHURNAL VYCHISLITEL'NOI MATEMATIKI I MATEMATICHESKOI FIZIKI, v. 9, 1969, pp. 1253-1262
NTC 73-21724-12A
NTIS N72-32592

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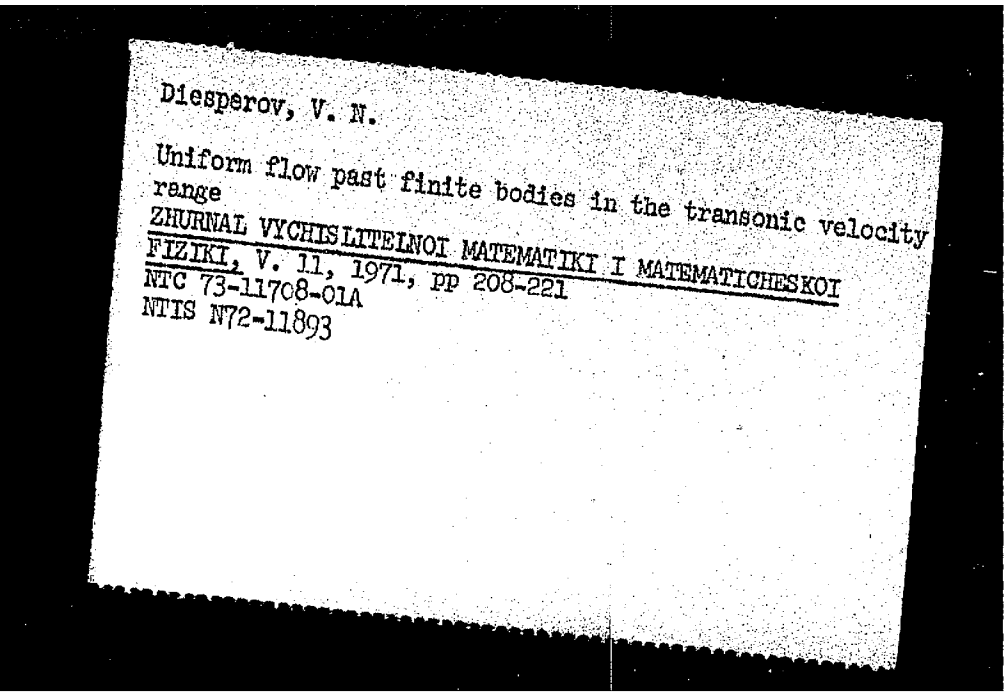

Diesperov, V. N.

Uniform flow past finite bodies in the transonic velocity range

ZHURNAL VYCHISLITELNOI MATEMATIKI I MATEMATICHESKOI FIZIKI, V. 11, 1971, pp 208-221

NTC 73-11708-01A

NTIS N72-11893

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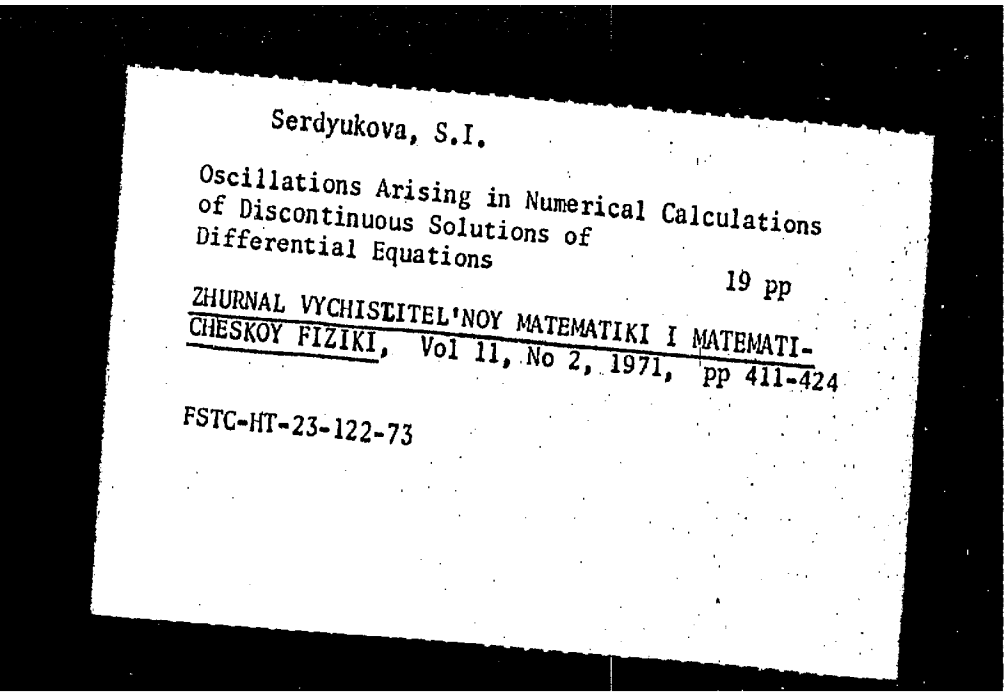

Serdyukova, S.I.

Oscillations Arising in Numerical Calculations of Discontinuous Solutions of Differential Equations

19 pp

ZHURNAL VYCHISLITEL'NOY MATEMATIKI I MATEMATICHESKOY FIZIKI, Vol 11, No 2, 1971, pp 411-424

FSTC-HT-23-122-73

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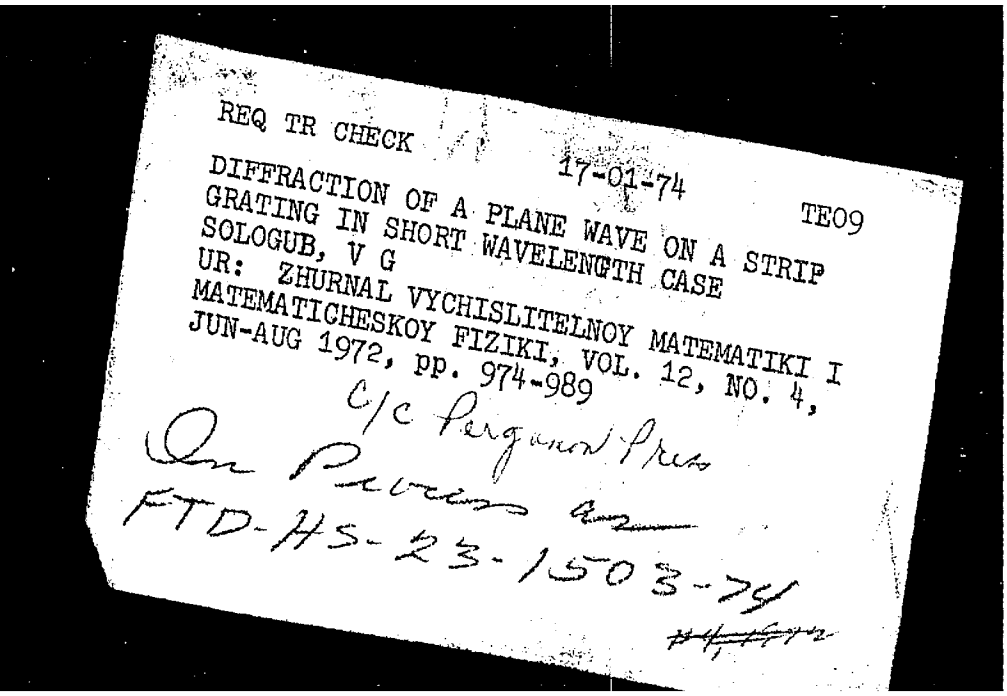

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DIFFRACTION OF A PLANE WAVE ON A STRIP GRATING IN SHORT WAVELENGTH CASE

SOLOGUB, V G

UR: ZHURNAL VYCHISLITELNOY MATEMATIKI I MATEMATICHESKOY FIZIKI, VOL. 12, NO. 4, JUN-AUG 1972, pp. 974-989

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